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# THE NATIONAL GEOGRAPHIC MAGAZINE

APRIL. 1949

# The British Way

With 19 Illustrations 51 Paintings
SIR EVELYN WRENCH

Our Search for British Paintings
With 4 Illustrations FRANKLIN L. FISHER

The Society's New Map of the British Isles
GILBERT GROSVENOR

Map of the British Isles

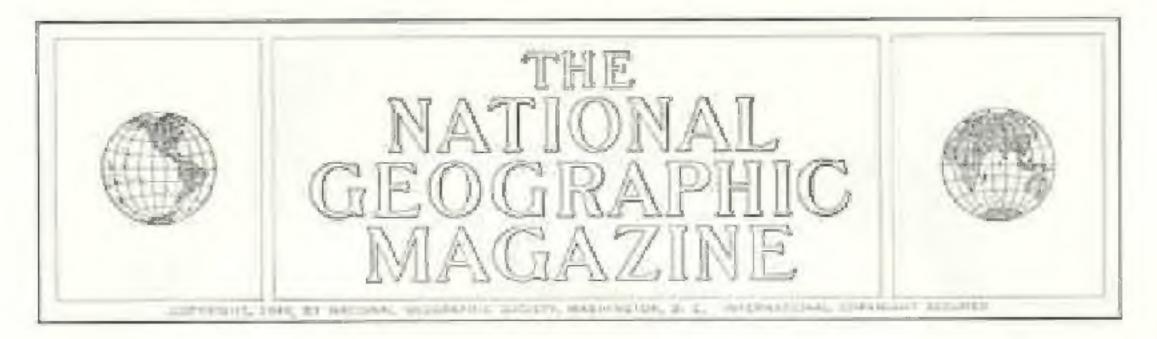
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# The British Way

Great Britain's Major Gifts to Freedom, Democratic Government, Science, and Society

By SIR EVELYN WRENCH

Founder of the English-Speaking Union

THIS ARTICLE is an attempt to tell the story of Great Britain's contributions to Western civilization, not only in evolving parliamentary institutions but in other fields of human endeavor: literature, law, chemistry, physics, medicine, exploration, theater, agriculture, and sport. It is a tremendous theme.

A series of 48 historical paintings illustrates episodes and some of the chief actors in British history. The events and pictures by no means represent all that Britain has contributed: they have been selected by your Editor. Dr. Grosvenor, with the object of showing aspects of our civilization and culture which have become part of the American and Camdian beritage (pages 446 to 541).

I write in no spirit of jinguism but with the hope that the readers of the National Geographic Magazine, in the American and British Commonwealths, may derive inspiration from this review of some of the events which have helped to fashion our joint civilization.

#### Americans Draw on British Contributions

The American legislator, magistrate, and luwyer constantly draw on their British back-ground.

When the American citizen takes his place in a railway train, he might give a passing thought to George Stephenson, the constructor of the first railroad.

When he is vaccinated by his physician, he can remember with gratitude the name of Edward Jenner, who overcame smallpox.

When he goes to hospital for surgical treatment, he can bless the name of Lister, the father of antiseptic methods

When he sticks a postage stamp on his letter, he can recall the name of Rowland Hill, whose introduction of the postage stamp in 1840 changed the dally life of man.

When he enters a skyscruper, he can reflect that its erection was made possible, in part, by the discoveries of Henry Bessemer.

When he turns on the electric switch in his home, he should remember the pioneer work of Humphry Davy and Michael Faraday.

When he listens to the radio, he can recall the early experiments of Joseph J. Thomson.

If be plays a round of golf, a set of tennis, or a game of football or of soccer, he is linked up with pioneer British sportsmen.

When he sinks into his armchair at the end of a strenuous day's work and takes up a novel, he can bless the name of Samuel Richardson, whose *Pamela* was the first real novel; or if his book is a detective story, that of Conan Doyle, creator of Sheriock Holmes.

Even when he reads about the atom bomb, he should remember that Lord Rutherford first showed that radioactivity is an atomic phenomenon.

#### Tight Little Island

This is the story of an island less than the size of the State of Oregon, situated on the edge of Europe and yet in no sense merely European in its autlock. For some 350 years the islanders have looked across the ocean. One of the greatest moments in Britain's story



National Geographic Phonicarytos Willard B. Cultur.

#### The Lacock Abboy Magna Carta Was on Exhibit in the Library of Congress

Lent to the United States by an Act of Parliament, this a. p. 1215 copy of the historic document was kept in Washington, D. C., for two years. It was returned to the British Museum's deputy keeper of manuscripts by Dr. Luther Evans (left), Librarian of Congress, at simple ceremonies in the rare book room, December 23, 1948. At the center of the picture is Chief Justice of the United States Fred M. Vinson and at the right Sir Oliver Shewell Franks, Ambassador from Great Britain (see page 456).

was when her people realized their occanic destiny. Great Britain has become a steppingstone between the Old and the New Worlds.

A realization of what our insular position means to us came home to me during World War I, when, flying over the English Channel, I looked down on a narrow strip of silver sea sparkling in the summer sunshing. How narrow the Strait of Dover was I had never realized so forcibly before. In the early days of flight, however, it provided an impassable barrier between Britain and Europe. We had much to be thankful for; that narrow "ditch" was our salvation. Since the Norman Conquest we had tought our foes on foreign soil.

On the debit side, perhaps, was the fact that isolution from Europe had been responsible for a too strong streak of conservatisms and a tendency at times to be tardy in adopting the improved methods of our neighbors. On the other hand, this strip of water had contributed in so small degree to the development of a rugged individuality which had been the mainspring of Britain's genius through many centuries.

Our heritage has been drawn from many quarters. Our religious faith springs from the hills of Galilee; our architecture and philosophy have been fundamentally influenced by Greece; our laws have been based in part on the jurisprudence of the Roman Empire; the Crusades gave us new vistas of the world in which we live; the Renaissance reached us from the cities of Italy. Finally, the migra-

tion of between 50,000 and 100,000 Dutch refugees, who sought asylum in East Anglia and southeastern England from Spanish persecution in the Low Countries, played a great part in shaping our way of life in the reign of Elizabeth.

#### Evolution of Parliament

Incomparably the greatest gift of the English people to the civilized world has been

that of parliamentary institutions."

The origins of the jury are somewhat obscure, but certainly England has played a great part in its evolution, although it was introduced by the Normans. Under Norman law the jurors were investigators rather than judges of evidence. When William the Conqueror ordered the Domesday Book to be compiled (page 452), his commissioners checked the evidence of the witnesses they called with the aid of a "jury" of twelve reliable men in each district.

In the picture of the Roman Wall, with which the series opens (page 446), we can ponder on the extent to which our way of life has been induenced by Imperial Rome.

Every student of history should visit the Roman Wall, especially at Horcovicus, about halfway between Newcastle and Carlisle, where the marks of Roman charlot wheels can be seen on the pavements. It is a moving experience to look down from these battlements, as they curl up and down the hillside, and realize what a mighty barrier they presented to the wild men of the north.

The painting of Alfred represents one of the greatest of our rulers, who helped to forge the unity of our nation, repelled the Danish invader, realized the importance of sea power, stimulated interest in Latin culture, and made his capital a seat of learning (page 448).

Richard Coeur de Lion represents the Crusades, which quickened our interest in Eastern thought and gave new conceptions of chivalry to the barons and knights of the

feudal age (page 455).

The story of Lady Godiva, who in the words of Tennyson "built herself an everlasting name," takes us into the region of history and legend. She was a benefactress of the church at the time of the Norman Conquest and symbolizes the ideal of self-sacrifice (page 450).

#### Arthurian Legend

In the shadowy realm where myth and history intermingle, the story of King Arthur and his Round Table has captured the imagination of poets and painters down the ages. English literature would certainly be immeas-

urably the poorer without the Arthurian legend,

As we wander through the Duchy of Cornwall, the neighboring counties, and the Welsh mountains, our holidays are much earliched by visits to the Arthurian shrines. In a materialistic world we rejoice that poets and seers—above all, Tennyson in the 19th century—have given us the vision of Galahad, the spiritual knight, and of his search for the Holy Grail, visible only to the pure in heart.

One of our earliest publications was a collection of ballads entitled A Lytell Geste of Robym Hode. Robin Hood was a popular figure in the second half of the 12th century. He was a high-born youth who, so the story goes, was outlawed for killing one of the King's deer. The territory over which he roamed extended from Sherwood Forest in Notting-bamshire to the dales of Cumberland,

Around him be gathered a goodly company of archers whose example inspired the Englishmen of the day with a determination to become proficient in archery as a means of national defense. He has long been a national hero, and his bravery and chivalry endeared him to his countrymen. In a sense, we may regard him as an early example of the British sportsmen who stimulated in us the desire to excel in games (page 444).

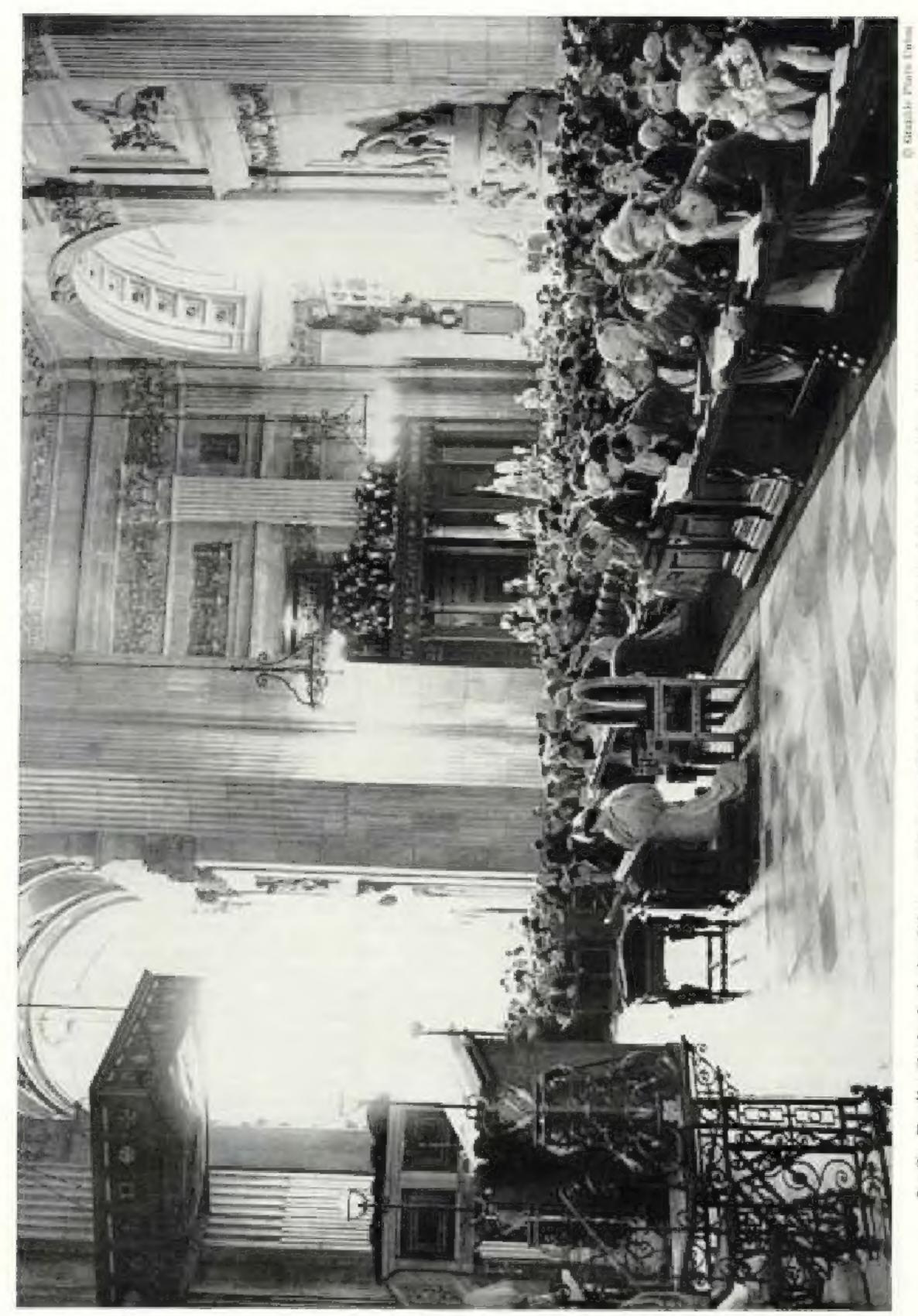
#### Elizabethan Mariners

Various reasons have been given for the amazing transformation which took place in the national character between the reigns of Elizabeth and William and Mary. There was a grim and coarse side to life under the Tudors. Incredible Elizabeth was typical of her age, as changeable as quicksilver but very sagacious. She could swear like a trooper with her subjects; but she gave her country internal peace (or 40 years, in which it made ready for the era of expansion overseas (page 466).

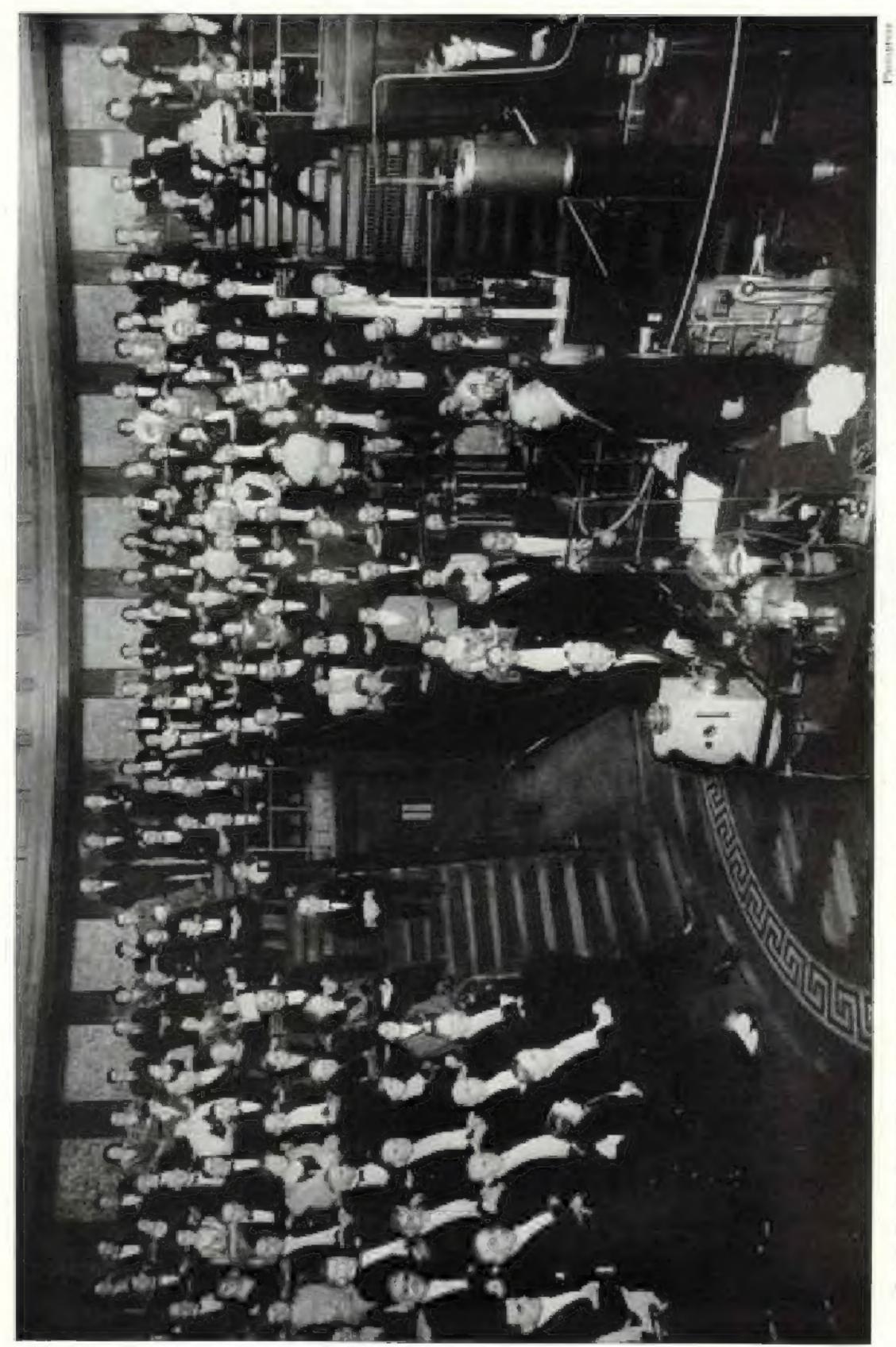
The Renaissance, the Reformation, the opportunity to study the Bible in English, the resounding victory over the Spaniards, all helped to give a new direction to the nation's thoughts. The islanders gratefully accepted their triumph over the Armada as an Indication of divine intervention on their behalf.

Flaving turned their backs on Europe, the Elizabethans penetrated unknown seas from the Arctic to Cape Horn. Obsessed with the desire of finding a shorter route to the riches of the Orient, they performed prodicies of valor and codutance in searching for the Northwest Passage.

\*See "Vanks at Westminster." by Capt. Leonard David Gammans, M.P., Naturnat. Geographic Macastrat, August, 1946.



In St. Paul's Cathodrul the King and Queen Offer Thanks on Their Silver Wedding Anniversory, April 26, 1948



For these Friday evening assemblages all persons in the ancheric west formal dress. An invitation to address the distinguished meeting is an accolade conferent unity on autstanding scientists. The Institution was founded in 1799 by Count Rumford, Benjamin Thompson, who was born in Massachusetts. if Elements, un Atom Bomb Principle, Before the Royal Institution, March, 1934 Lord Rutherford Lectures on Transmutation o



National Engraphic Photographer R. Authora Stream

#### Top-hatted, an Eton Boy Entertains Visitors at the June 4 Celebration

The headpiece is a part of a once inviolable tradition at this famous old school, where many of England's great have had their early training. Since September 1, 1918, the requirement no longer holds.

In our cavalende, on pages 461, 468, and 498, are included scenes from the lives of John Cabot; Francis Drake, the first leader of an expedition to circumnavigate the world (Magellan died before he completed his voyage); and of James Cook, who, two centuries later, charted the waters of the St. Lawrence and won the vast Centinent of Australia, at the Autipodes, as a heritage for the English-speaking peoples.\*

It is true that England lagged behind the Portuguese, the Genoese, and other Latin peoples in seeking to penetrate the secrets of the unknown world. The city of Bristol, however, can certainly claim to have looked westward from an early date; a dozen years before the voyage of Columbus, John Jay's expedition set out from the Avon to discover 'the island of Brazil.' John Cabot came to Bristol because it would serve as a good starting point for his western venture.

#### Roger Baron Influences Columbus

Roger Bacon, "the prince of medieval thought," was born in the year before Magna Carta; he may be regarded as the direct forebear of the explorers of the Renaissance. His Opus Majus treated "of the westward passage round the sphere to Asia."

Two hundred years later Cardinal Pierre d'Ailly printed extracts from Bacon's work in his Fwago Mundi. As Professor Williamson observes, Bacon's volume, more than any other single work, was "the authority that inspired the trans-Atlantic voyagers. Columbus, in reading and rereading his copy, and enriching it with scribbled marginalia, was deriving instruction from a great English intellect." †

If England was slow to follow up Cabot's discovery of North America, she made up for lost time a hundred years later and gave to the world a group of navigators who have never been surpassed in daring and seamanship. The map of the northern half of the Western Hemisphere reminds us of the names of some of them, such as Martin Frobisher, John Davis, William Bathn, and Henry Hud-

"See, in the National Geometric Macazine: "Columbus of the Pacific," by J. R. Hildebrand, January, 1927.

The Ocean in English History, by James A. Williamson, p. 11. Clarendon Press, 1941. From approved so Logic a University from and From Harmer Assessments No Policy of other Contract daird on or other lat Jan. 1981, will be presented by the Committee of an articles; the habites to the benefit of the People and or Committee believed by the Understein of the Contract to recording for their lightlifes unless it here at feet the land of Limit's Policy Contract.



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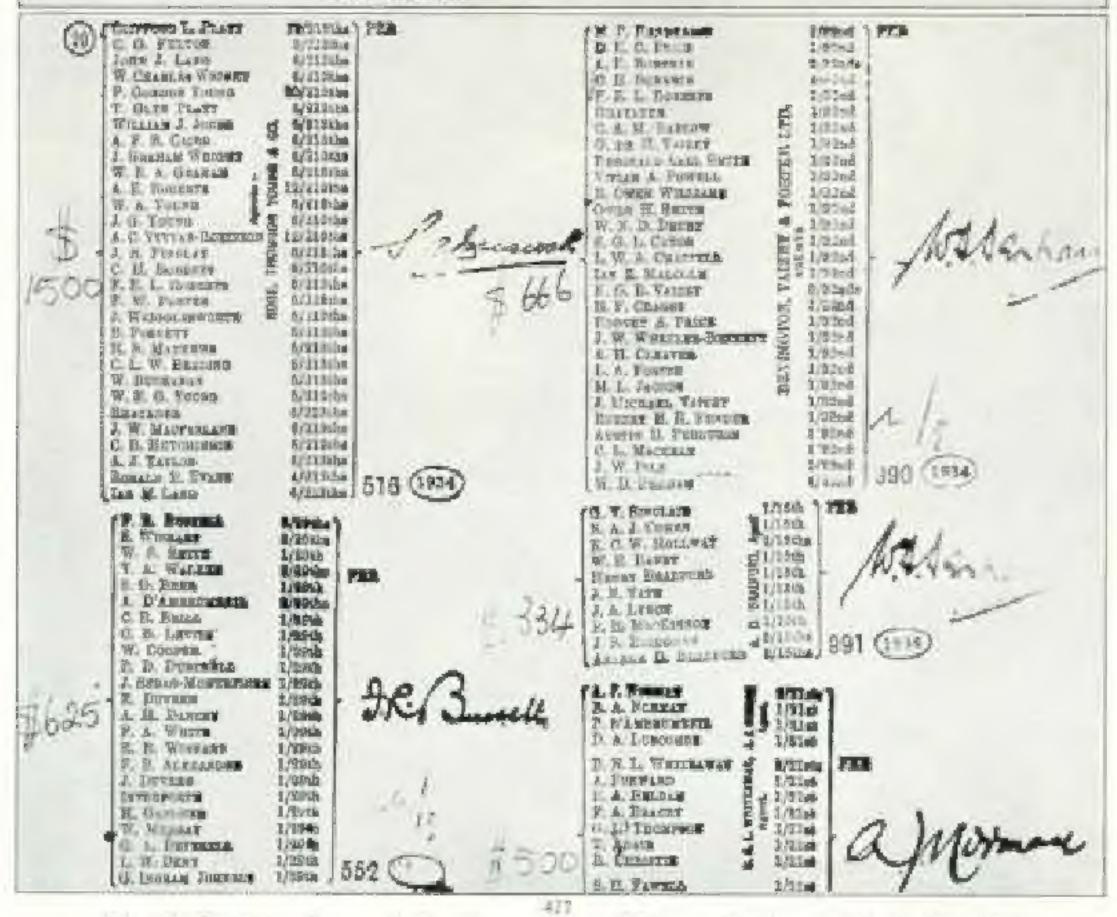
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#### Lloyd's Paid for Loss of the Stratosphere Balloon Explorer I. July 28, 1934

The great London association of underwriters put up the policy for bids by its members, and 835 individual listical subscribers took charge in the risk. Through Lloyd's, each underwriter paid the National Geographic Society an average of \$32 when the gas hag inflated with hydrogen, ripped and exploded, the flyers saved themselves by parachute jumps. On a subsequent flight by Explorer II, November 11 1935, noninflammable beliam was used and no insurance was necessary. Albert W. Stevens and Orvil A. Anderson made the record ascension to 72,965 feet (page \$25). The flights were sponsored by the National Geographic Society and U. S. Army Air Corps. The earliest known life Insurance policy was insued in England in 1.83.



King Arthur and His Knights May Have Sat Around This Round Table

For centuries the 18-foot board has hung in the Great Hall of Winchester Castle. It was mentioned in records of A. m. 1755. Around the sim are names of the legendary heroes, Lancelot du Lac, Galahad, and others.

son. Hudson, sailing under the Dutch flag,

helped to establish New Netherland.

The adventurers of London and Plymouth were inspired by the writings of Richard Hakluyt, a promoter and recorder of the expansion of England beyond the seas. It is only during the last century that his great achievements have been appreciated at their true worth.

America owes a special debt to these empire builders and seamen, among whom were; Walter Raleigh, a promoter of Virginian settlement, although he never lived to set foot on its soil; Bartholomew Gosnold, George Weymouth, Martin Pring, Richard Grenville, and Christopher Jones of the

Mayflower,

Among other promoters of colonization we think gratefully of Lord Southampton, Shakespeare's patron; Thomas West (Lord Delaware), who arrived at Jamestown in 1010, when the morale of the settlers was at a low ebb, and of whom Alexander Brown writes: "If any one man can be called the founder of Virginia . . . I believe it is this HILLER,"

We must list also Sir Ferdinando Gorges, "the father of English colonization in America"; William Bradford, Lord Baltimore and the other Calverts, Yorkshiremen; William Brewster and the Reverend John Robinson, the "beloved pastor of the Pilgrims," born in the adjoining county of Nottingham: John Cotton of Derby: Capt. John Smith and five of the Governors of Massachusetts, of Lincolnshire; the Reverend John White, "the patriarch of Dorchester" and the promoter of Massachusetts Bay. Indeed, there is not a county in England whose sons have not played a leading part in the cpic story of the founding of English civilization in North America.

At the very moment when Puritanism was spreading throughout England and Scotland, at the beginning of the 17th century, our island became a colonizing power. Despite the fact that the first permanent English settlements on the North American Continent took place in the reign of insignificant James I, a firm believer in the divine right of kings, other powerful influences were fortunately at work,

#### England and Democratic Rule

The United States of America was founded in an era when liberal political ideas were circulating in England. How powerful they were becoming was soon to be demonstrated by the success of Cromwell and his Roundheads (page 476).

The first legislative assembly in the New World met at Jamestown in 1019, under the



Maintage Turkstyphilian Newscow

#### On This Plate Penicillin Was Born

Sir Alexander Fleming noted the colony at the top with harmful bacteria degenerating around it: From its descendants came the miracle drug (page 554).

inspiration of a group of farseeing men, above all of Sir Edwin Sandys, who held views of religious tolerance far in advance of his age. These men of progressive outlook controlled the affairs of the Virginia Company, and, despite the subsequent opposition of the King, purposed to erect in the New World a free and popular State where the English colonists would have "no government . . . putt upon them but by their own consente."

Wherever the English colonists went, they based their institutions on those of the motherland. If we wish to measure our debt to these early founders of political liberty overseas, we have only to contrast the conditions in the English plantations with those that existed in the Spanish, Portuguese, or French colonies,

#### Heritage of English Literature

English literature is represented in the picture of Chaucer's Canterbury Filgrims; of James I supervising the production of the Authorized Version of the Bible; of Shakespeare courting Anne Hathaway; of Milton, champion of the freedom of the press, dictating to his daughters (pages 459, 470, 479).

Other great figures include William Blackstone, author of the famous legal Commentaries, whose work had probably an even greater following in the American Colonies than in England; Charles Darwin, whose Origin of Species gave a new direction to man's thinking; Charles Dickens, who as the result of the appearance of the Postkumous Papers of the Pickwick Club became at the age of



Indians Enried to Trade at Fort Charles, Pirst Hadeen's Buy Company Pest in Rose the forest the exercise in the libby of the Hadeen was Company store in Veneziew in the last to be became of Indians in Canada

24 the pust popular author of the day (pages 40n 520, \$15)

The such accounts representation of all the action of Figlish Literature would require nate space than is available. I is a stapend us there and only a few can be samed: I he Bunyan, the ticker, who were Pilgron's Progress in the reign of Char - 11 Juliu Evelyn and Saco et Perg., where it is take us behind the are a gis. It and ay James Beswell, the many a set or the immercal Dr. Johnson whose wit and words commuted the literary circles of the day: John Locke, the philosopher whose treatises of government had probably more influence on American thought in the Revis Junouary age than those of any other writer, with the possible exception of Tom Paine Adam Smith, author of The Wealth of Nations; Thomas Curlyle, John Ruskin and Herbert Spencer

The let of emittent historium is a long one, from the days of the Veneral le Bede (British mank who wrote the earliest history of England, a.p. 741) down to Edward Gibbon, it includes such writers as T. & Macaulay, W. E. H. Lecky, and in our own times James Bryon author of The American Communication, H. A. L. Disher, and G. M. Trevelyan

There was an amazing output of poetry and price in the early days of the industrial age, which output continued throughout the Victorian era (page 50%)

Of the bordsh Pret in Bullett's Qualutions, 1948 edition. Stakespears, of course leads all the list with 1.418 inches devoted to blue. Many of which is an expectaare attered unconsciously in our promptay speech. The English speaking person can scarcely read a novel or even a newspaper without encountering unintentional quotations especially many phrases which we think are current starg

It never occurred to an American by school they to be Mandet until it can a firth in the name of a said, "Good stuff. I certainly didn't aught repeals to death, and the thing is full aught repeals to death, and the thing is full and blakespeare in his verdad. ("Laugh myself to death" is verbatint from The James posts.)

front of two teachers at the version of Fac Luming of the Share. It is a fusty weach. One teacher said to the other, "Isn't it a shape how the movies rulgarize even Shakespeare"

After Snakespeace in the Bartlett quotation policiomes the puet that few rend and everybody quotes—Maton, with 224 in hea-

Then the store jumps to a modern—Rudyard Kipling, with 173 inches.

The following are next in limits at the Barth Harshard

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#### Invention of the Novel

How many American visitors to London, I wonder, have ever penetrated into Salisbury.



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South of help who he is not to fact, how many Londoners—to may their tribute to the "fat little printer" who worked there, and whose invention of the novel was to intellectual life as epoch-making as the invention of tallways to social life?

Simulated at long was a group of the hot, where at long the him is a group of the hot. Hond to give him is and education. Evidently, young Kicherdson planned his own line of study. Howas devoted to female so, may at long the ey degrees to have gathered are insight into the ways of the female limit.

In his liftieth year he turned this knowledge to be account. From his printing pass in Salisbary Square by a distant a 1743 Provide the novel, as we know it, come into existence, Subsequently, Claritist Photocre and Mistory of Sir Charles Grandison appeared. Stein additions to the way to sing over he are a made to the passence of contemporary millie-class mannets."

Soon there were emulators. Henry bicking had it is a parely form to be the order of the vital and the order of the vital and one photochest appeared, at example a mascaline virtue. Tom Jones, Indiagonal to the season book, was a better two it of the studied as a model in college does by Within a quarter of a centary of the season by the such were making their special to the string of the base of their special of the string their special of thei

An anis Contract Providence of the loss's set a new style for figure

#### Inventors Founded New Industries

In our series of paintings emphass has been laid on British inventors and scientists. In this crowd to divide the latest and a control of tribution to civilization. Without these mention rapid ladgestrial expansion and scientificaclier mention of the United States would not have been possible

Near the end of the eighteenth rentury there appeared in England three inventury that ushered in a new industrial world and which have chapted many if our social and political conceptions," writes Dexter S. Kimber in the later of Cornell Colversity

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Many the stores of the late of the part of the store is the store of t

Al took trocke wher his keen called there is skill like the trocker with their man of inferent skill to perform with their aid operations that without them would require a without of superer skill

'Almost anyone could spin with the Haragreases machine. The Mandalay actus made a similar advance in machine tack.

Revolution is that point to the first with the walker



"We know More Geography than John Wandenp, Jr., Did When the Studied Here"

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#### Jully Working Girls Enjoy a Bank Holiday on Humpstead Heath

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#### Landon, Pioneer of Department Stores.

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The British visitor to the Violted States in the 20th century usually assumes that the American department store is of domestic origin. If he turns to John Griscom's A Feor in Europe (1819-19), he will find this American's description of a great povelty of the day, one of the first department Stores, the Solio Buzaar, in Soho Square, London:

"An extensive suite of pooms on two flucts (formed by throwing several houses into one), in which are collected almost every kind of article, . . , in the way of ingenuity, delaency, and taste . . . this is a new kind of establishment, of which there are, at present, but two in Landon. The term, as well as the plan, has been imported from India."

#### A Galaxy of British Scientists.

From the founding of the Royal Society Britain has produced a succession of great engineers, astronomurs, physicists, chemists, biologists, geologists, etc., hardly equaled and certainly not surpassed by those of any other country. Their work was not merely greatmuch of it was inerally epoch-making.

Some have been of bumble utidin, like John Dallon, son of a poor weaver; others, like Henry Cavendish, were aristocrats who in-

becited immunes wealth,

In the field of medicine William Harvey, who published his great work early in the reign of Charles I, is meladed in our series. as are the Hunter brothers. I had it notes may be regarded as the founder of modern surgery. Edward Jenner, the conqueror of smallpox, studied under John Hauter at St. George's Hospital (pages 474, 500, 503)

Sir Putekek Manson is reparded as the father of tropical medicine. He was the first to discover that a "particular blood-sucking insect is a necessary intermediary in the propagation of a specific discuse—a discovery of the

Limost importance to med in the

Another ploneer when we remember gradefully is Romalis Ross, who discovered the life history of malarial parasites as mosquitoes and laid down methods for large-

sople malaria reduction.

Others who have enriched our knowledge are Faraday, the father of the are of electricity, and Land Rutherford, the New Zenlander, who, in the words of hir Arthur Eddinglo i. "introduced the greatest change in our idea of matter since the time of them arp. 189" (pages 511 and 527).

In the discovery of the 96 chemical elements. the fundaments, "building blocks" of which everything in Nature is constructed, British scientists are generally credited with the finding of 19 (including by drogen, as view, barith). calcium, petussium, argon, beliam, and neon). mare than have been discovered by the research workers of any other pation. Six other elements were discovered by Britons jointly with workers of other putlons.

The number generally accredited to scientists of other untlens is; Swedish, 17; French. 11; German, 11; American, 6; Austrian, 2; Swiss, Italian, Polish, Russian, Hungarian, Spanish, Finnish, I cach. Ten elements are considered to have been discovered by the ancients.

#### Revolution in Farming Methods.

Alangside the Industrial Revolution-indeed, preceding it—a revolution in methods of agriculture was taking place in England. In due course it belped make Great Britain the supplier of pedigreed livestock to America and many other lands. In the early days of he columization of North America the Mother Country shipped cardle, borses, sheep, goats, routers, and esample six- or he New World.† In the reign of George III we learn that "all the world came to England for norses, from the race-horse to the hardly less noble cart-base." 1

Robert Bakewell, during the reign of this George, pioneezed in the selective breeding of cattle and sheep to improve the quantity and quality of meat, bakqwell's methods were so successful and the reputation of his "fixed" breeds so high that in one year he made 1,200 quineas from the letting of one rank.

British experimenters produced the Shortburn, Hereford, Aberdeen-Angus, and Devon breeds, which are the leading beef cattle tuday in the United States, Australia, and New Zealand. The Ayrshines, Jerseys, and Guernseys which are such large milk producers in American dairy herds originated in the British Island

As early as the 19th century British farmers had reveloped several breeds of sheep and ngs that were two or three towns as efficient on meat production as the old unimproved stocks. They worked out principles of proper animal feeding from which stock raisers now menedit autementina

But isb investigators played a leading part in the study of agricultural chemistry and plant matrition—what the plant draws from

" A Morory of Templeal Medicine, by H. Harold Scott vol 2, p 1071, 1942. The Williams & Williams Company, Baltimore

7 An early reference to the senting of herses to Sire genea is contained in a little from Gabriel Archer. who provide he India that the vessel he wall of in took on the march and two horses at themselve the line formering of the Courted Afailes, by Alexan ber Brown 16 1 p

I Fried and History, by G. M. Trevelyan

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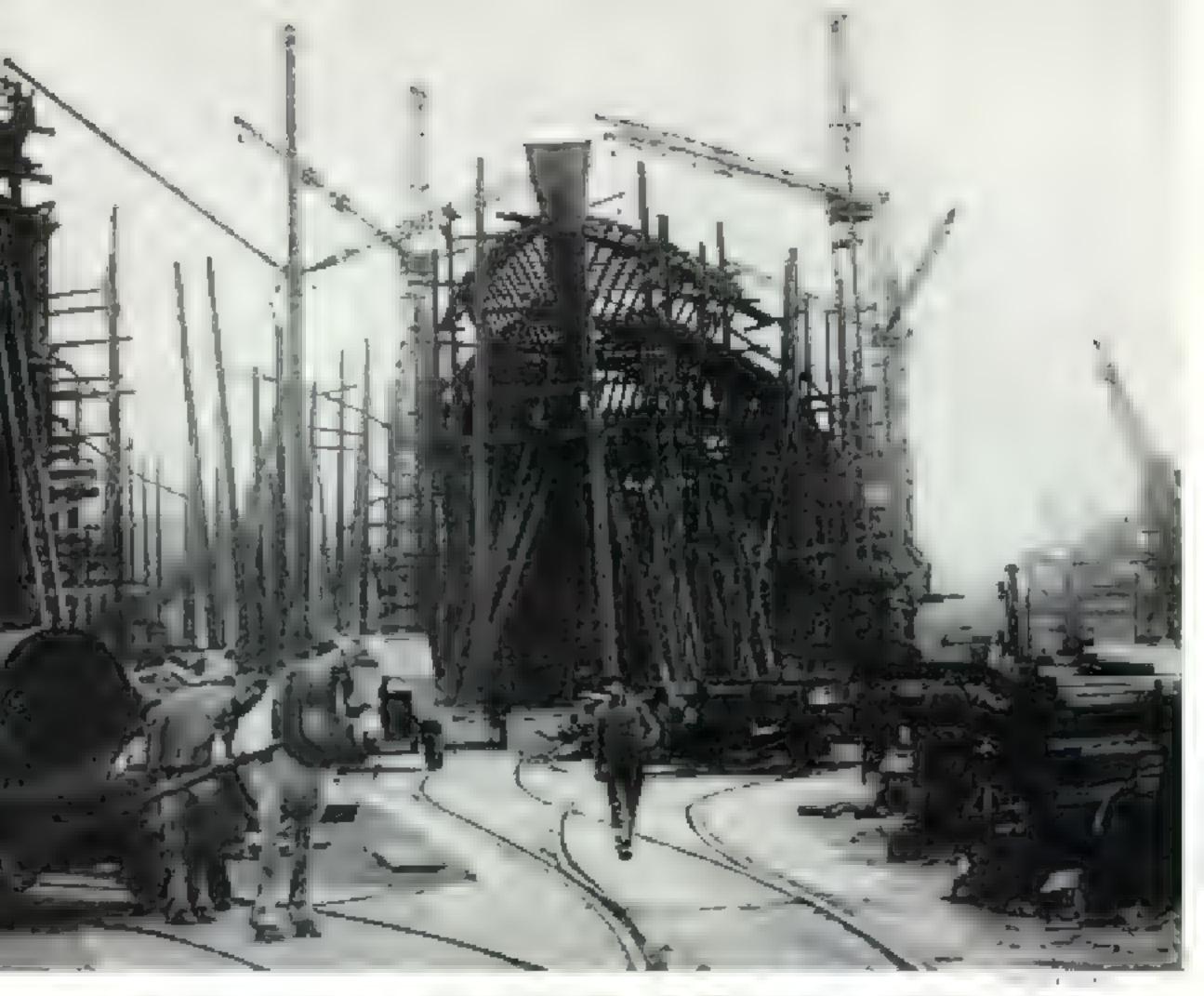
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and ght to our shores. It spacked the whole development of microwave sarise and some stituted the most important item in reverse Lease-Leaf."

Hat Sir Henry Tizard, head of the British Mission, emphasizes the fact that while "the magnetion, which contributed more to the sactes of the Albes than any other single invention, was a product of british science, it had to be redesigned in America for economical manufacture.

"Fenicillia, the greatest practical achievement of medical research during the war, a so originated in Britain, but onless American skill in large-scale manufacture had been available, many thousands of men, who now enjoy a healthy life, would have died."†

Among limitsh social reformers we have been able to include but few, among them. Florence Nightingale, who revolutionized our methods of nursing (page 513). To this great company rightly belong John Howard and Elizabeth Fry, prison reformers; Lord Shufteshury, the seventh Earl, who fought the abuses of the industrial age; and, above all, William Wilherforce, one of the greatest benefactors of humanity.

#### A Turning Point in History

When the British Empire was expanding topicly during the Napoleonic Wars, it had increasing contacts with the colored races. Fortunately, the conscience of the nation was starting, and, as Hr. G. M. Trevelyan points out, "a turning point in the history of the world" occurred when Wilberfords and his friends, Evangelicals and Quakers, persunded l'aminment to put a stop to the slave trade in 1807 and to abolish slavery throughout the Empire in 1833 \$

At the Congress of Vienna, after the defeat of Napoleon, Great British through Lord Castlereagh, in a spirit of altraism rare in those days, persuaded the Luropean powers to agree to the suppression of the slave trade in their territories. However great Britain's share in the slave trade and in the horrors of "the Atlantic passage," she was making amends for the past. She paid the slave convers 120,000,000 in compensation,

Henceforth the Union Jack became the symbol of freedom for the black man. Throughout the 19th century the Royal Navy policed the seas and hunted the slavers in their lairs east of Strg.

In the present century, Robert Badenl'owell founded the Boy Scout movement, which has profoundly influenced the youth of many nations.

Another Englishman who has influenced the

He of our times is Wilfred T. Crentell, who save his life to the service of the lab distants of Labrador. His example fixed many thousands of young men throughout the universities of the English speaking world.

#### The World of the Spirit

In the world of the spirit, British contributions to the common heritage have been great. John Wyrtiffe haid the foundations of the Puritanism that was to be Britain's special contribution to religious thought. He translated the Binde with the help of a band of 'poor priests' and brought Christ's teaching to the humblest villager.

Britain's Impact on America was made through such men as Robert Browne, founder of the Brownests, whose doctrines inspired the Filgran Eathers, and John Knox, Scottish divine and follower of Calvin.

George hox, founder of Quakerism, was the son of a Puritan weaver; among those whom he industried was William Penu.

In the following century John Wesley transformed the very nature of his generation (page 491).

In the 19th century William Booth and his wife established the Salvation Army and ministreed to the unfortunates in the slams of in-Justical England. Subscribertly they extended their work throughout the world

#### Britain and Its Stewardship in India

With the granting of independence to India and Taxistan, on August 15, 1947, a great event in world history took place. Great Britain, which for a couple of centuries had tuled the Indian subcontinent, containing a sixth of the human race, passed to its peoples of her own free will the control of their own destiny.

Never in history had a great empire, in a member of victory, relaquished his control ever its intrest dependency and passed on the tonk of freedom to the inhabitants.

That the peoples of India would one day be free to decide their future was in fact inevitable from the passing of the India Bill in 1833.

Thomas Babington Michallay, speaking in the Mutse of Commons on the measure, preducted "that the public mand of India may expand under our system until it has outgrown that system; that by good government we may educate our subjects into a capacity for

\* From Scientists Sential Time, by James Phinnes. Payler 3rd, pp. 141-14'-"Raday and Lorent"

t brow the Presidential Address to the Belt in Association for the Alvancement of Science, The Passing Blocks, by Sir Henry Transl. September 8, 1933

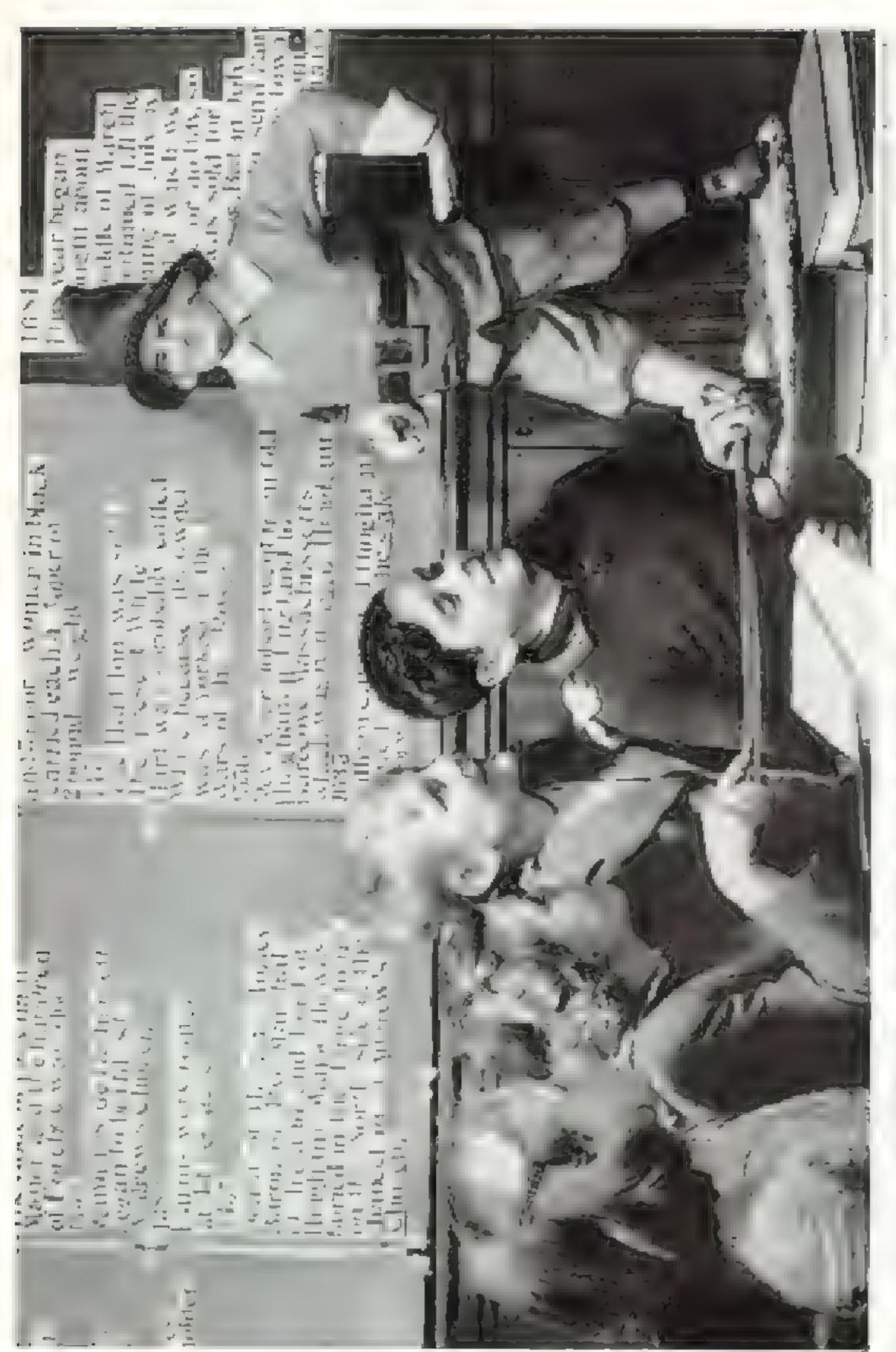
1 Matery of England Honemann, 1947; p. 549



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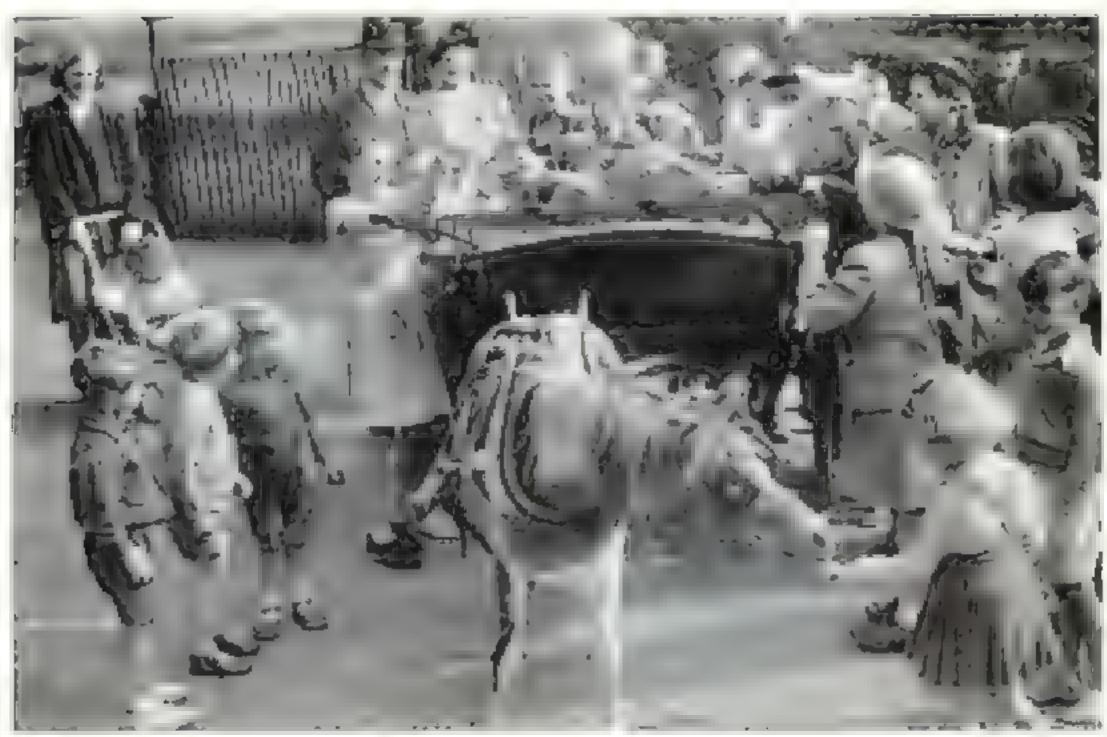
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An Iowa Girl's Hereford Speer Is a Grand Champion

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Kenny the Shetland Draws a Litter Cart in Kennington Gardens

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The with the reason with the subject of the following the first century, but we should thank graterille of Charles II. for in 1075 be formed the drift the restory of Charles II. for in 1075 be formed the drift was a few entire to the sale made servations of the heavens: that so no being the drift to the heavens: that so no being the drift to the drift the heavens: that so no being the drift to the drift the heavens: that so no being the drift the drift

Sinon Newcomb, the American astronomer, has referred to the work of Greenwich Observatory fifty years ago: "The most useful who provides a split of a pulled to the determination of a regulated and seal of the compact of the compact of the split of the determination of the compact of the com

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light show and north the transport of the providing sids to the mariner, and in the light himses on the german shores. Experience is a large transport of the Cornish on a large truth at the world are familiar land to the the transport the world.

#### British Drama in America.

bullowing American to pendence and for a long while there are, the American stage was dependence in 19,000 talent. Many leading British actors once of other made a four of the American but a some became so popular from the common of the American before the first made a form

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Better miles of the wild of some barbar great fight; the fact that is not be a section of the West West with their enthulant too the file of mis a sec, and gold for a god a state

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games to back, of course, to very ancient times: it is stated that the original innabitants of thus island learned how to play for ball from the Romans, although our friends across the Irish Sea claim that they played a form of the game in Ireland before Julius Caesar set his fewer on Bratish soil.

cheard II forbade the game in consequence of "the great noise in the city chased by hustling over large balls." Prolip Stubies, two and a ba f centuries later. In his Justomic of Abuses (1583), refers to foulfull as "a develope pastime... and hereof groweth envy, rancour, and malice, and sometimes browling murther, homicise, and great effusion of blood, as experience duty teacheth." Certainly the Elizabethans were justy fellows.

#### The Heritage of Sport

Modern football become widespread in the middle of the 19th century. There is a good descript on of the game as played at Rugby in Tom Brown's School Days. Association football was first proved at Cambridge University. The first football contest between firsten and the United States was played at Yalo University between a team of old Etonius and Yalo. English Rugby was first

played at Harvard,

The 'Royal and Ancient Game of Galf'—
'gowd," it was called long ago—is apparently
of Dutch origin, but it reached the United
States from Scotland only toward the end of
the 19th century. Two years before the Maydeaver salled, James I (James VI of Scotland
was evalently concerned that his Scotlish subtests were spending too many "bawisees" in
amporting large supplies of golf balls from
Holland; he caused legislation to be passed
to protect the home industry, for he wrote
from Salisbury, on August 5, 1018, "Na small
quantitie of gold and silver is transported
zerth [i.e., yearly] out of his Hienes' kingdom of Scoteland."

James IV and James V of Scotland, great-grandiather and grandfather of James I of Lugland, were goifers, and so, upparently, was his mather, ill-fated Mary Queen of Scots. Her enemies asserted that such was her indifference to the fate of Darnley, her husband, that a few days after his death she "was seen playing golf and pall-mail in the fields beside

Seton."

Americans took up the game so enthusiastically that Walter Traves won the British Amateur Champ, anship at Sandwich in Kent in 1904. Many other Americans have since won this prize

Lawn tennis was invented in 1874 by Maj. Walter Clopton Wingheld, who look out a patent for a pastime called Sphainistike, described as "a new and improved portable court for playing the ancient game of tennis." Its popularity grew so capidly it was now called lawn tennis—that in the following year a committee met at Lord's Cricket Ground and drew up a code of rules. In 1877 the allelogiand championships were played at Wimbledon, where the international contests still the place. In the United States lawn tennis was played at Nahant, near Boston, within a year of its invention in England; in 1881 the United States Lawn Tennis Association was formed may adopted the English rules.

#### Commidee in Arms.

When in April, 1917, the people of the United States of America decided to fight alongside the Allies on the buttlefields of Europe, another great moment in history bod arrived. For the first time the two English-speaking Commonwealths were fighting side by side; some people, among them Walter Hines Page, held that the greatest outcome of World War I was the coming together of the English-speaking peoples.

In the second. World War the cooperation between our nations was even closer. In Delbi, in 1943 and 1944, when going to discuss problems with the Southeast Asia Command, under Lord Moantbutten, I never knew a advance whether I should be dealing with an American or a Briton. The Albert sailors soldiers, and airmen sat together, they worked together, they planned together, they suffered together, and they died together that right might triumph.

# Tennyson Sounds the Keynote of the British Way

Tennyson sums up the British Way in parts of two poems, "You Ask Me Why" and "In the Queen":

It is the land that freedom chose,
That solve scated freedom chose,
The land, where get with friends or foes
A man may speak the thing he will.

A land of southed government,
A land of just and old renown.
Where Freedom slowly be sadens down
he in precedent to precedent

And sintermen of her council and.
Who know the accounts when to have tarassed by the band, and make
The hounds of Freedom witter set

By shaping some atomst decree
Who is kept best torono unstraces still.
Broad based apan hes people's wall
And compass'd by the layer ate sea



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### The Roman Wall (A. p. 121-211)

A 101 R of British well-water with a visit to the Roman Wall, which stretches 73 miles from the mouth of the Tyne to Solway kirth; for the Roman occupation was virtually the beginning of British history. About the Celtic ancestors who lived in the island before the coming of Julius Caesar state is known.

Most schoolboys know that Julius Caesar paid two visits to Britain, as 55 and 54 B. c. He came to put ish "the interfering islanders" for coming to the help of their kinsfolk in Gard. Then ensued "a long forzetfulness of Britain" till Claudius came, A. D. 43, and incidentally massacred a number of trouble-some Druids. A trimpple was staged on Claudius's return to Rome, and he was batted as "Britannicus."

The Romans built walled towns and buths; they constructed virtually indestructible high-ways . . . along which English motorists still drive in combat despite the fact that the road-beds have been in use for 18 centuries: they drained fenlands and out down some forests. In the Roman settlements the leading officials and warriars had their pleasant villas with "central heat by." The home of a prominent Roman probacy was much better heated than the houses of the unjointy of present-day Englishmen.

In Roman Britain the total population was probably no more than half a million. The largest city was London, first mentioned by Tucitus, a Celtar name but a Roman foundation. Scholars who have studied excavations of an merous sites believe that London in Roman times had more stone and brick huildings than at any subsequent time until after the Great Pire, which laid waste the city in 1066.

We may regard Agricula as the sponsor of the Watl, for although it was left to Hadran to construct it, the builder received his inspiration from Agricula. Agricula foresaw that the inhabitants on the south of the border would have to take strong measures against the Scots and Picts, and therefore he built a chain of forts from Type to Solway.

There were in fact two walls, the first built by Flaurian, A D. 121 26; the second by Severus 85 years later.

Hadrian visited britain several years before be began his construction. In the British Maseum can be seen the head of a collessal status of him which was dredged from the bottom of the River Thames below the site of Lapt at Bridge.

Hadrian's wall consisted of a 'great ditch between mounds, called a vallem." Between

the vallem and the wall run a military read. Sevents rebuilt Hadr au's wall, A. a. 211, and replaced the turf ramparts by solid masoury.

The Wall represents the limit of enertive Roman occupation. It is true that under Severus, who, "racked with gout, traveled to a litter," the legionaries penetroted as far north as Moray Firth; but Severus wisely left the inhabitants of Scotland to their own devices and decoded that the Wall should mark the northern lauradary between the Emples and the "barbarians."

Like the Great Wall of China, our Wall carls up hill and down dale. At irregular intervals there were great forts which serves as camps, barracks, su rehouses, and baths. At the fort of Borcovicus can be seen the wheel ruts of Roman chariots, similar in measurement to those at Pompeii. The sight, strangely moving, reveals how far reaching were the tentucles of Imparial Rome.

In some places the randal has been at work, and the stones of the Wall have been used in the construction of farmhouses and buildings. In other stretches the Wall atonds as it was in Roman times, climbing up lonely and lofty beights.

It is not easy to estimate the exact influence which the Roman occupation has had on Britain. Probably its permanent effect has been much less than that caused in France and Spain by the presence of Caesar's armies. Nevertheless, there are today many British families with some Roman blood in their voins, for many of the imperial legi maries who came under Caesar's harmer took to themselves native wives

Apparently all but a few signs of the Roman occupation had vanished by the time of Alfred the Great, Vikings and Norsemen had wrought havor throughout the land.

By 1006 the islanders had become a mongret race, described by Defoe, in his Truc-Forn Englishman, as

Your Roman-Saxon-Danish-Norman-English . . . A True Born Englishmon's a contradiction! In speech an Irany, in but a fiction! . . . A metaphor invented to express A man plan to all the universe!

Under Hadrian British levies were recruited to serve the Roman Empire. It is highly probable that the recruits were affspring of the

unlins between Chesar's men and the fairhaired daughters of Addion.

The end of the Roman occupation of britals came early in the fifth rentury, when Rome build her traubles neares home and the Emperor Honorius decided that the Britans could be longer tely on the Empire to protect them.



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# Alfred the Great (8487-901)

Altred found from my dead part be restored it. Education deglected and he resised it. The laws powerses and he part them force. The Church debases and he take I it. The land tayared by a fearth onemy brom which he delivered it. Altred a name will here as long. As manking shall respect the part.

A STATUE BEARING this inscription commands the main street in the little town of Wantage, Berkshire, where Altred. justly tailed the Great, was born about \$68 Mithough for part of his reign Alfred ruled over only Wessex, he had the foundation for a unified England and before the close of his life wrested Land in and Canterbury from the life.

Fourth and youngest son of King Althel-wulf, he succeeded to the West Savon throne in 871 when his brother Æthelred was slain in battle. The blackess hour in the early annals of England struck in 876 when the Dane Guthrum, usurper of the kingship of East Anglia, furaded the south coast, over whelmed Dorsetsaire, and took Exeter.

Caught imprepared by this treacherous violation of a trace, Alfred retreated to the Somerset fens and threw up an island fort in the well-nigh impenetrable marshes, where, unseen, he rould watch the movements of the enemy. He recruited an army of Hampshire, Wiltshire, and Somerset men, using the Danish peril to unite his people. When his troops were ready, he made a surprise attack on the Danes at Ethanium (now Edington) in Wiltshire and defeated them by a pitched battle.

So signal was his saccess that for the Peace of Wedmore (879) he forced King Guthrum and some of Guthrum's Fallowers to receive haptism is to the Christian faith, and to withdraw from the West Saxon Lord. Wessex was cleared of the Drines, and also Mercia west of the Roman Watling Street. Not since the Vikings' first invasion of England had the English scored so decisive a victory.

Affred and his kingdom of Wessex powstood forth as the only English power in fintain which was stronger than the invaders and he was recarded by the people as their champion and delivered. He had saved his kingdom from Scandinavian domination and antequarded English Christianity.

Alfred constructed a new kind of ship better able to withstand the Vikings. To him is due the conception that lingland is an island realment must be defended at sea and not on land. He regarded the North Sca and the English Charnel as the national frontiers.

There was no end to his activities. Drawing on Mosaic experience, he codaled the na-

tion's laws; comparing the low state of culture in Wessex with that of the Continent, he determined to make his capital the greatest sea, of learning in the island.

When he came to the throne, he found that "not a single pracest south of the Thomas was acquainted with Latin." He became his own translator and editor, and made available to his people the treasures of Latin manuals in their own tongue. The Anglo-basen Chronicle compiled in his reign remains the first vernatular history of any Teutonic people. To him also was due the survival of the first linearly; and other praceless books.

His real for religion and scholarship probably had its beginning when as a child he was taken by his father to Rome and to the court of Charles the Bald, King of the West Franks. Confirmed by Pope Lea IV who, legend says. "ballowed him to King," he had opportunities to observe the measures taken by the pontifical protecting the Eternal City from the Saracens and to meet many literary characters of the age, both in Rome and in France.

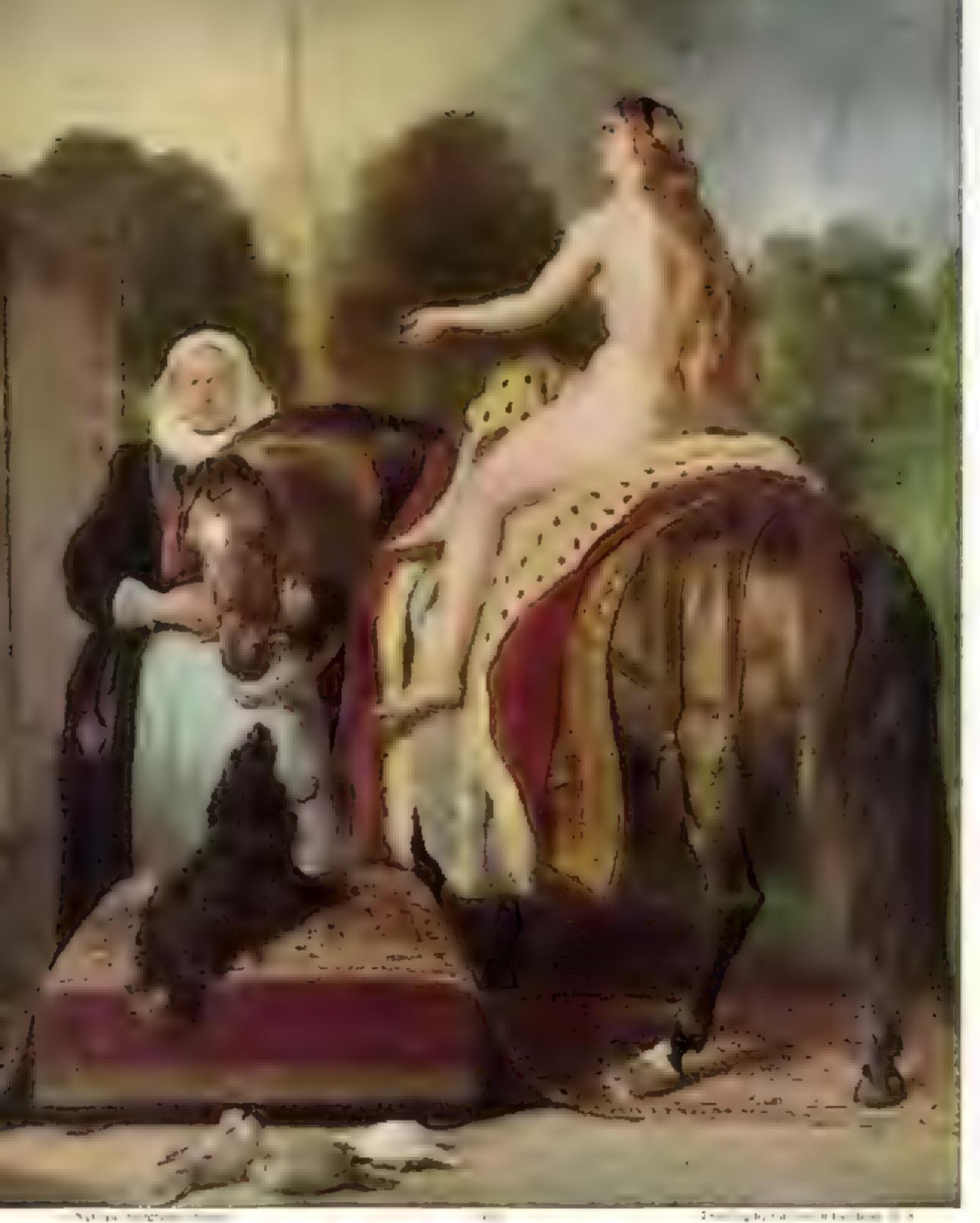
He established a school at his court and insisted that "those whom it is proposed to crucate further and promote to a higher office should be taught Latin," which at the time was the only well-established literary language. Lamenting his own lack of learning, he studied assidantsly and asked that "all the youth of hagland of free men . . . be set to learn . . . totil they are able to read haglash writing."

J. R. Green places him among the world's greatist men because of "the moral grandeur of his life." "He is the first instance in the history of Christendom of a paler who put usale every personal and or ambition, to devote bluecht wholly to the welfare of those whom he had ruled."

Methodical in the use of his time, he deviced a candle towered by a lantern to measure the hours of his busy day. He had infinite patience with his subjects and was ever willing to hear complaints.

"a bitle hand-book in which he joited down things as they struck him, now a bit of family genealogy, now a prayer, now a story. . . . The writer of English history may be pardimed if he largers over the figure of the King in whose court, at whose impulse, it may be in whose very words. English history begins."

When Alfred died in 40t, his body was I rought by the monks to the New Minster at Witchester, though exactly where he has in the old city is not known.



#### Then See Rade Firth Cathed on with Chasting"

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## Lady Godiva (1040-80)

THE SEAL of approval has been set on the story of Lady Godiva by the poet Tennyson, by the great English artist Sir Edwin Landseer, whose painting is reproduced in our plate, and by many learned scribes. Why question such authority?

The boundary line between history and legend is some, inces hazy. If rationalists were permitted to work their iconoclastic will, much of the common of the past would be lost. Utilities say that there bever was a King Arthur who established a Round Table and that the legend of Lady Goriva is pure moon-hine. Severtheless, modern readers who care to we for imagination than cold facts are included to agree with the Victorian poet R. B. Brutch.

Of war and language to be hist'ry Washi I the churches bear and anse Or view it in the bloom see here Of habit my th or my t'ry

Godan is said to have muried Leaftic at quarter of a century before the arrival of William the Conqueror in England, the died some years before the Domesday survey (1085-86). Her hashand was ruler of Mercia that one of the three great earls of the realm. Both husband and was were liberal benefactors of the Church.

The earliest narrative of the famous ride torough the streets of Coventry (the skeptics say there was no city of Coventry in the 11th century), which has eclipsed her fame as a benefactness, is given in the Flores Historianum of Roger of Wendover (died 1257), but he relied for his information on a mid 12th-century writer. Roger represents Godiva as because the release of the villa of Coventry from a heavy bondage of t. It?

Leofric replied, in the oft-quoted words: "Mount your horse naked, and pass through the market of the villa, from our rad to the other, when the people are assembled, and on your teturn you shall obtain what you ask."

Attended by two soldiers, Godiva, as Ten asson says, wrode forth, clothed on with chastite, but flowing treases serving as small covering. Leofule was evercome with admiration of her schless act and granted the release by charter—so runs the tale.

The writer of the article on Leofne in the Dutumary of National Biographs, comes to the defense of the supposedly critel bushand of the heroic lady. Citing evidence of Leafric's seemly behavior on other occasions, he declares that the man's character alone proves that the tale of his boorist, conduct is an absur lity.

In a travel report written in 1554, the "white steed" is introduced. "She purchased

and tedeemed their last infringed liberties and freedoms, and obtained remission of beavy indutes imposed upon them, by undertaking a hard and unseemly task, which was to tide taked openly at high noon day through the city on a milk-white steed, which she willingly performed, according to her lord's strict injunction. It may be very well discussed here whether his batted or his love exceeded. Her lair ong hair did much offend the wanton's planting eye."

Another 17th-century story says: "But about the midst of the Citty ber horse neighed, whereast one desirous to see the strange Case lett ok whe a Window, and looked out, for which fact of for that the horse aid beach, as the cause thereof, Though all the Towne were Franchised, yet horses were not tell-free to this day."

Concerning "peopleg Tom," a Latin epistle phasisted in the Gentleman's Magazine at a centary or so later reports: "A groom of the countess dured to violate her commands. The countess's borse, on discovering its trainer

through the windows, set up neighing, and so betrayed the scoundrel."

An obliging traveler in 1782 supplies yet further information: "Legend says that, previous to her ride, all the inhabitants were ordered, on pain of death, to saut themse wes up during the time; but that the curiosity of a certain taylor, overcoming fear, took a single peep; which is commenmented even at present, by a figure lacking out of a wall in the great street. To this day, the love of Godiva to the city is annually remembered by a procession; and a valuant fair still rides in silk, closely fitted to her limbs, and of colour equilating their complexion."

In the 19th century skepticism about Lady Codiva was rife; perhaps neighboring cities were jealous of Coventry's proud heritage as the place where "the perfect model of an Anglo-Saxon lady" acquired immortal (ame

Moncure D. Conway, the American preacher and author who saw the Lancseer painting at the Royal Academy in 1866, wrote of his

turing let head aside from the nude lady and shatter her eves tabile. There is a look on this demestic's face which says plainly I wash my eves clean of all such improper conduct; and before I would do such a thing, every man, woman, and child in Coventry should broken be on the wheel! Everyone who looks at the picture smiles; but all see in her, rather than the mounted lady, the representative of the womanbood of England."



Children again Front March

Lead brailing A torta, detterblyr of a the street might be the ment of the south shipi, lower his is a let made 1111 III When half reversely to be to b the contract of the contract o a y y len h k ly your a restriction line NEWNO IN 1 MAINS one day, Make Robert of Norman concept of kingsony and statesmanship was faking Le of William the Cooper transform the Cooper States washing him lumin to the Cooper transform to the state of the Cooper transform to the state of the Cooper transform to th triban bashin har harman harma The state of the s | KI | I | N | L 1 de 11. 1-1-1-1 -

the invaries, England and on the battlethed of Senlar (Hastings), in second of the battle of the first in tension of the first in the first of the battle of the battle of the first of the And the transfer of the first

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Were un prove had invested northern England, and Harold bad therelane to fight on two fronts.

great statesment, but a forth leader of men. On the Winter march to he walked at the bunds for de The Fredhold and how a second of the second of the second of the grant of the second The way not only a great warrior and a Christer he showed his genills for winning loyally when head of his of spirited troops and helped with his own W. attracted a thirt a new methods तीर किया प्रथमन वर्ष किस स्थीता. I well! A . 1

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Laber writes "vgat culterings rose to the beavens, ever al by the poterior of the property of property New York to a projection as brankide calls.

The feutial system introduced by William as a means of retaining what he had a 1 different from the featily assemptiate existed on a second in the graph had brought who produced the cause of the first of the single control in the case of and the control in the case of and the first of the case of the first of the case of the first of the first of the case of the first of waits of hydriten

desired to knew the exact around of the Hamegood (a royal tax which could be keyled at the Ling's discretion) that he would receive from (a) in the line of the fraction of the line of the fraction of the line o William address camp led the Domesday Book, which is no view in the Public Report Office in London. Shrewd man that he was, he protegioned the land of the estates and pressessions of except handrener.

Lived her caper, with histil in a distribution with the supplied of the same supplied of the same and instruction the supplied of the same and instruction the same and the same and the same and the same and the same the

in 1056, when each one of them swort affrequated to him. The King must have haked back with satisfaction on his work of twenty years. William summand a great assembly, or mact, of the landowners

the American Blustaine, Keimela Biley, who painted our picture of the last in the second of the last in the last i and the contraction of the second of the second

# Richard the Lionbean (1157-99)

It if vith, the little little, with the fortall in the little of the same of all littles, with the following the little of the reign, his hopest experim in England was only from Murch, 1194, and May of the same year. No somet was his coronation over than he set off on the Third Crosacle,

this chief assistions were to shine in battle against the Sarscen and to be all be on the line for the substitution of the forest the Sarscen and to be all be nessessed—rasiles, with, and taken the pert—the treasures of England. Semionary, Scutian, Sinity, and Cyprise—the argument for the series of England, busing the court in the result of the series for the art of the court to serious for the art of the result of the perturbations and court in the court to serious for the art of the result of the court in the court in

Roll of this Augustus of France were Lad affice, and despite Roll of the State of Partial of the State of Augustus and State of Augustus and State of Augustus and Augustus Augustus and Au

with his own hands,

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destress foliations, affin ?
The was honest ploug his vices and admitted that pride, rapacity, and thatis, were this chose daughters," Not in the least confiction, he

order of the took toward in bomber their king John who had were its frighting in his absence, and percential the traitor to retain his property.

The first of bland was also a layer of music and took a deep saterest of the entropy seed wasting up and down the chair beating for well his book and runs made for home

esters to sang out,

Oh the Crusate Richard from a worthy he in Saladin, the Tark.

All a statistic little for training a worthy he in Saladin, the Tark.

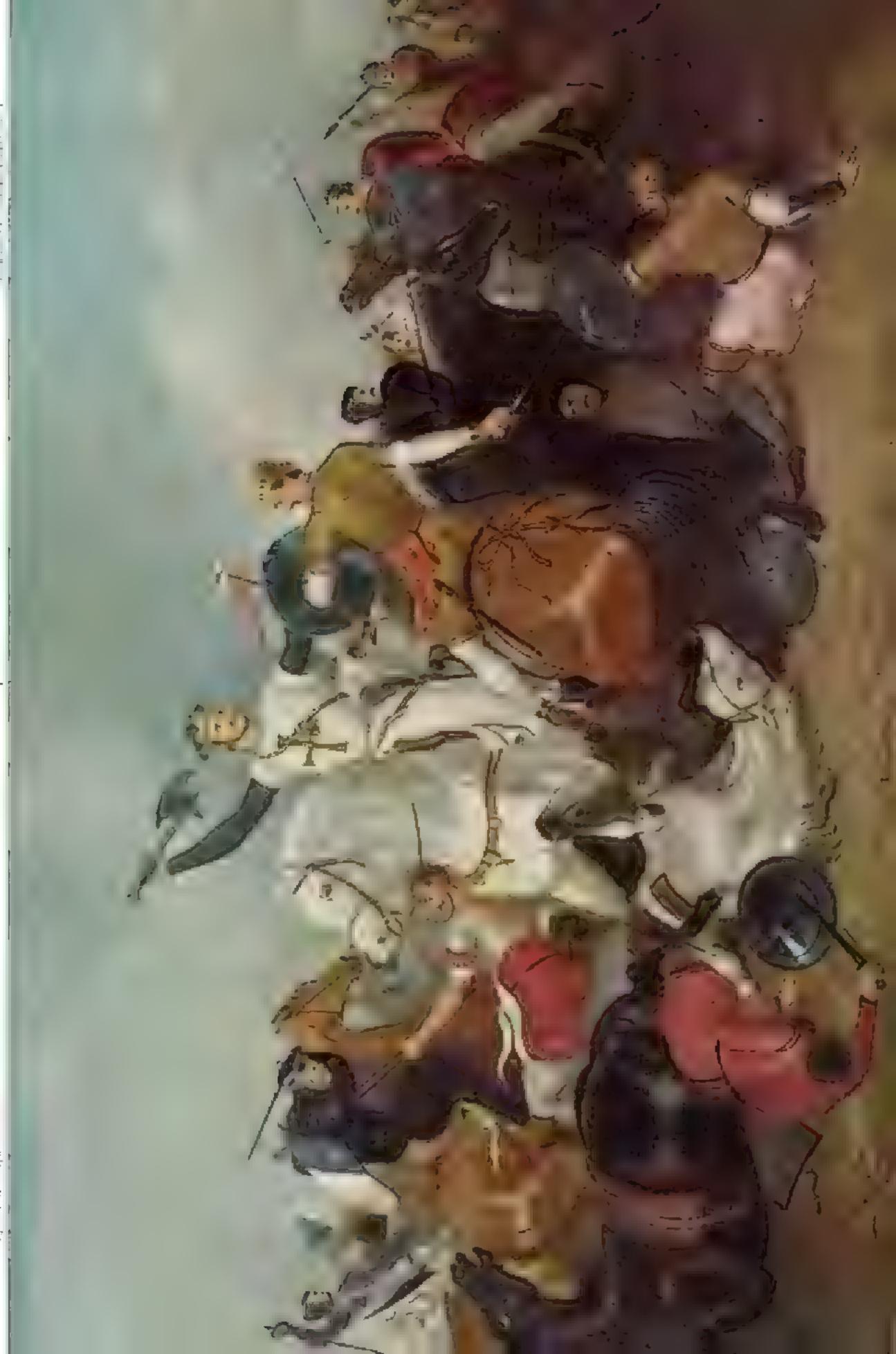
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the transfer of war in Righted will be exempting of the Land Western that to any other mans, was due the stempting of the Land Western and high to the farming of the Land when Salahi a serve for the farming a serve for the Salahi a serve for the farming the farming the farming to the farmin

Lished Regard Witness form String exhange, and restricted to the second of the second

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Incre is no ever me that Richard and Saladin ever came face to it. It is not not the painting by Abraham Cooper, R. A. (17-7 Note). By a substitute of the commen, for Robert Bench fire of I will be the contract for the contract



### Magna Carta (June 15, 1215)

\* W.O. STONE portals at the field of Magna Carta at Rangovarde and where in 1215 the liganizations forced King John, brodger of Rühard, to have the Royal Scal of England, affines, to the great decement, tell to be a bing a second

In three mends on 15 June 1215

for a file of a stringly who is the string of the following the foll

In percent to the first designable of the Magne Carlot to the income of the length of the income of the designable of the income who have been designable of the base of the income who have been designable they be in the latest to the income of the income

Not nestly by streets, work, have, we will regard Magna that and a street restriction of a minimum of the that government, not us only a carried for the street of a feet, a f

Everymentally frequentially formed in the state of the st

the barries had assembled at Bury St. Edmands in Suffids, where address a stone tablet records the names of those who drew up the

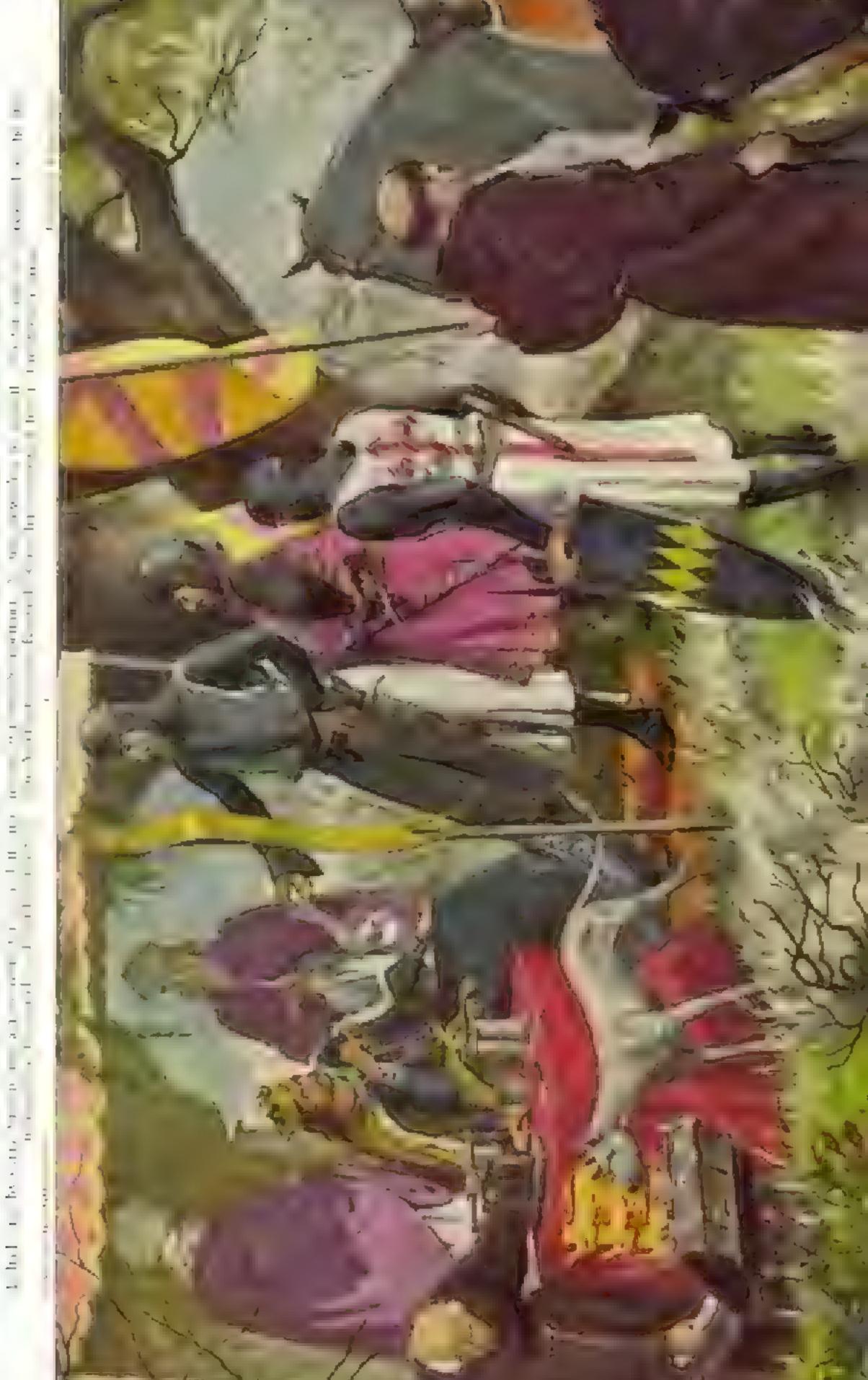
The barries were his a stern mond; they had suffered line from the King's subterfuges and promastinations. The the first time since the Norman Conquest baronage and compone were united in opposition to the first of the line of the line of the language of escape. In Stephen Language to of the language the first of the personal despotism of the bings.

John did not long surrave the charter, and his attempts at evasion came to mought. At King's Lynn, on Nordolk, he was attacked by distance to a rate of which is a struct of part to act new cides. He dispared that he should be business at Morrester.

The motion of the figure of the first property property of the first property property of the first property prope

There are four copies of the Magna Carta in existence, two in the Erst N. ver event of the Magna Carta in and event of Section in the Cathelian is estimated that IS million Americans saw the equilibrial was estimated that IS million Americans saw the equilibrial was estimated that IS million Americans saw the equilibrial was estimated that IS was in the factor.

When I revisited Ruthnymete soom after V-J Day, this little piece of English soil virtually within the shadewood Windson Castle, appeared to me to symbolize the Anglo-Saxon way of life. Abagna Carta, the bill of Rights, the Lechmann of Ladependence, and the Atlantic Line of Rights, the Lechmann of Ladependence, and the Atlantic Line will known the south Romann of Ladependence, and the Atlantic Line will known age of Mitoria, I took for granted—the farm and resedence of the individual man,



King I has been the lovest on the Marne Ciner of the worker

## Deuffrey Chaucer : 1340F-14001

The pro-I in the second of the tenter town toke in the great of a flower in \* ECHFEKEY CHILL'ER was the first writer to discover and show . . . shing as the literary language of England the Molland disloct ration of the Latin and French used by his predecessors and remaining I to the with posts and itself bearing to the selection of March 118 March 18

He was, numerate, the first tiller of takes to turn as de from the gods mer their of my letterate Merkli made and and and and goddesses of threek and Roman mythology, the instellibly polesand Length and immediately adapted by the of the fraptice of the w for the or set of the Plants of the Shaberts of the Charles she for the sine of the the rest to the process the line in the tand only is to be the as start with as if I had support with them at the Tahand in Sombwark S relieved the turn and to inverse THE PARTY NAMED IN

THE WALL SO IS S because of charges in words, spelings, and prominciations that crept attacked to be and a refund that if his Triger are read as he would scholars, however, have found that if his Triger are read as he would my begin in the Case in the Suggestion has no condition a cost the deaths. In the

water front the - I - I well i brather i sill P wester Billi relieve, retailer With the was titled prisoner at the unsuccessful stege of Reims and tales and entering and upe of 12 he hecan e a page in the court of Edward III and at 19 went not the King to France on one of the expeditions of the Mundred Years. Every allowed 1540 in Thankey Street arms the Limithan

He married a maid of boant to the Queen. Although records no not for the locality of the probable that she was likely a to et. of the French school. Me number poem of the privid was a translation with whose works he was I'm lar when he was sent about 1372 to ar-A few years after his return to England he was much a sepaire in the reyal bousehold, the personal attendant and confident of Edward HL. were the awar alphof Count, who for many years was the price 's patenn, next 15 years of his welting took itspipalibus from the Italian markets annighty Because r a safe tel enember of Parliament from Nept, and during the last 15 years of his life he deof the met cal retainer, Romanat of the Rose. The and the the wife with to make the terms of

word Sinsafeta der inn an army a my arm bluma and India

stories, to be sure, he gave them all English characters and setting. He held many pulithal appaintments, being sept on several missions abroad and working between times in posts at home. Most important of his home positions was that of Competitive of Customs at the part and while serving in political offices in England, he had opportunity to study all the classes of per definite his group of Canterbury of London. By his extensive travels he come to know the world abnord

I on the state of all the state of the first or make the first Talput West at a Lill of

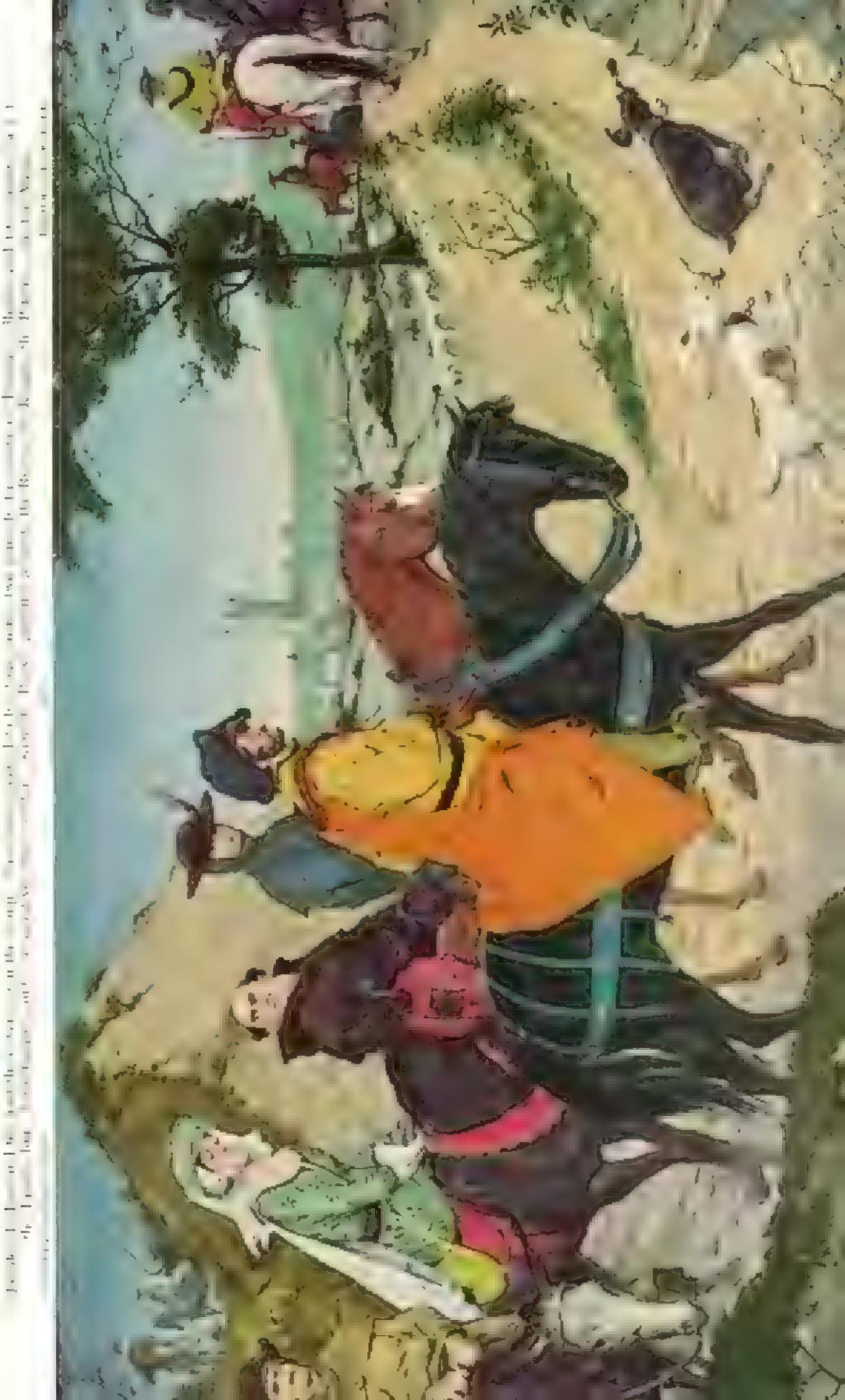
In the first place, as he is the father of English peeting, so I hold bits in the same degree of yenerating, as the directors held Homer, or

the contract of the best but the the third that the same of the terms the Romans tings . . . "He must bave been a rear of a mest wave at sample in its THE COUNTY OF PITTING STATES IN THE POST OF THE POST O of the whole fright named a secret with a single that has been been as the fright the first of the secret with most and port only in their their the first that in their their the first parties of a per a les

the ribabley of the law characters is different: The Reeve, the Miller, and and the Cook are several men, and distinguished from each other, as it is a several form. "Some of his serious are vicious, and same virtuates some are un-11.11 11.11

were or Course of its gree, I have no seed till men against than these of monks and frints, and canons, and lady abbesies, and thus: for numking is ever the same, and nothing lost out of nature if not it is ever the same, and nothing lost out of nature if not it is ever the same, and nothing lost out of nature if not is ever the same, and nothing lost out of nature if not it is the formal in the same. "We have our forciather and great grandames all before as as they

Castidions taste, but humber, kindly, and full of good humber. but no translation can give the gentifier thy first if the originals



Characte Filtran in The

### Discovery of North America, 1497 (aher's

who are made? TARGETTANTED FOR CAR, ALERT ELLEN ALLERY lant out his voyages. He has become therefore, I mystery min. all by a series of all sells the fall of t

transactions of human history, the main facts about him are being that tonducted by Prof. J. A. W. Wallamson. The Williamson tells in his book The Tong Abich he has picked letter from Milan Though his requiges are rightly regarded as among the handamental up bit by hit -from a stray fert here and there a the first the track appropriate the second

List to g a only IN MESSAGE IN SPACE STATE BATTLE LIMITS TO WINTE मेर मिन अ प्राचा of Cauch by mane, Purcher corresponding facts are framished by Scine in the Science in the Scine in the Science in the Scine in the Science in the Scine in the Science in the Scine in the map of Jean de la Cosa, compiled in 1500 and known to Spain at the opening of the took century, shows the English expansation of the Anrth 31 OF 31 HALES May on old Inthe Rena News Softs & land that the little of the state of the state of the state of to I but so a Venior continuo po de ding Tay a reduction of a market ball but Calads MILLIE

sevend veyage, for it about usly deals with more than the "hasty requesentitione of the Confirming to separate which is a selective when is believed to have followed the North American constline from Cape trada a trada the the trada terminated the trada Williamson points out that the map is great Breton as far easth as the Tropics, A Promise of

elperation of the tell of the states botts at Genea, and or e and ordered; state he was little younger he was granted terreign sitiateship. He is presumed to have been the telephones of a file and user to him played the one Jehn Cara

In the 15th century men's minds were stirring, reportant and the sessed of a justifical kan wiedge of paylgation in advance of all others, fine there is that the earth was a beatral had been familiar as early as Territ St the itable at CHARLES II. white their merrin Let egang red for the A for the Been. THE REGIONS TO THE PRINT · hore of the Me file to the

certainly to the latter bulk of the 16th century scholars were tent of the latter of the 16th century scholars were

to aid in his invitor's project. The author quoted from Aris's horse to be not in the formal project of Asia this, he reached " Langerly studying this work of a coast of Asia this, he reached " Langerly studying this work of a coast of Asia this is be reached." Langerly studying this work of a coast of the residual of pools in the coast of the airceast of the airc "mude himself very expert and combing in knowledge of the virruit of Morea, he must have been employed with the work of Maris 1940. put तंदिन कि कि कि के में मात्रीय एक के पर कर कि पत

the processively with Technical Woods have been depilling with the saga former of the ways to Vinland in 1000.

From the entries in Bright d'a custains recorded English discovery of un-1480, John Jay promoted "the first recorded English discovery of un-- row if the first in a modern second to the frequency of the "In second of the falue of Brazil, thought to be west of Ireland, "True,

the voyage rathed in failure to 1498 led in the Ayala, the Spanish rovoy, reported to Ferdinand and Isabella, for the last seven years the people of Brisand have sent but Printy year two, three, of four campyle in search of the Meand of the distance of the dist

After years of patient walting the great morment in Catost's the com-when in March, 1496, cautious Henry VII granted him the charter then in a court the transform of the project of resident northern sea, under our banners, flags and ensigns . . . and to set up our ainterend burners and ensigns in any town, city, casile, bland or som "to and to and parts deginns of donests of the eastern, western, and all during the later of the later of the section by राज्य विकास के जिल्ला के जिल्ला के जिल्ला के तथा है जा का जा

Can May 11Pa. Chesaching Develoring Line Samulars by the sate of a sample of the sampl thek is sees-sine of the discovering land in the name of Heary VII.

The Art Gallery at Drietol gave permission for use of its and painting by Ermest Brand (1827-1934) of the Cabais setting out on their A Same and America



#### (1491 - 1547)Henry VIII

and the state of the telling of the telling of the second as the "report remarkable man that ever sat on the English throne Aborder to Francial to 1 and we owe to his foresight. TINE VIII

g." Without him on expanding of the English to America would have been pro-u-He is rightly regarded as "Lather of the British Nav

New Learning, and his Newy. Convened that strength on the sea was essential to England, he pored over plans for the expansion of the Nasy. At the beginning of his reign his obid interests were thereby the the increasing for shiphalling. He knew the speed, the lines of the transfer of every ship to his Novy, and from his police at A CINCIPLE OF FILMENT OF THE PROPERTY OF THE PROPERTY OF of the Navy, He dockyards, fert. Le United 製団 七日はく had the semi-herm goast, and dress up the count hation and gills sprayer the ten of the tenth the first address of the office day

the world here is rejoining in the possession of so given a Tribue.... The transfer of the transfer o was Thirs of his wall the willy a wind of the i a ce and goodness, what affection he bears to the learned. . . . h.t. 1 m

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than he had been An an Entry present Catherine. Two years later she last a - or a deriver an another son who died no supper

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ak it all beter Martyr gerelles the premature birth of a fourth god to in the in the best birth of a fourth god

tally the transfer of the worth and the control of the first of the fi

preparang to cost off not only the Spanish alliance but his Spanish wife. In 1525 Catherine was 40, while thenry was only 54, the like last mays of offspring by her had now vanished. Mary was her roly living obid. Thenry was her roly living obid. Thenry was her roly living obid. Thenry wanted a

Lutheran heresies had won thin much praise in Rome. The 1 p. h. Ambassach had presented Leo X with a capy bound in good, and as reward blongs had been granted the title of 1 percent. It has been win, and he was department about to be making in his own realing. In the civity years he had been in bigh favor with the papacy as a bear for some of the Church and a skilled theological. Its lands attacking NOR OF WASHINGTON PROPERTY AND A SECTION PROPERTY.

With the passing of the years, Henry had become more dominating, and desired Chemint's startion for his divorte. Every legal quilible and cardistry was employed by use King. Henry's demand for divorce was in the first of the f

I have be not very more of the control of the contr Herself at the King's few and a fing: 'I have nest your wise for years,

THE R A SECOND o bela V 435 1 4 . . -

When kinher Were Marcher of the wine of their to the Michel Surger

## William Shakespeare (1564-1616)

"HOMEAN CARES, be defined that the But house right has Keepity India gained control of its two desting, but what Carlyle esteemed the greater India than the writings of Saskespeare. treasure still belongs to England

the films, the publishers of Shakespeare editions, Lanckar's Old Vir and The current British film industry finds, in Neury 1' and Nombel, that THE BUS HELD A State of the sta Burlinia idli Stavyone esta in in a near SI KINDLAY SAND SOME ASSOCIATION OF A WINDLE ा । कि मिल स्था में शापे निर् 

The farmers with a result of the second of t the said to lave less, One team springers student could, diggest save of these a shay, eleven years at nornn estin nte surveyed the select field engested by Snakespeam scholarship. Libbiography had considered select on one has very uned Shakespeare today is definitely an industry, maiding stant study would be regained before one could even

the Sanuel Johnson salitted this phenomenon even as long ago as the talk century, in prefacing a bally prepared but still distinguished edition of Shakespeare.

we was a like per happen than the and a like series and a series of the used in ancient, and chain the privilege of established fame and prescriptive the laterary case of his day, thury most legal to assigne the damity of The part of which willed by the the property were us the test of atternry moral.

-leathles and artificial lite afforded him, now usay a same the sames which they every inpic of perturbed, or mathe of surress, which the modes of dal dad Whiter ne de timelle e elemente had been been been been proported as a state of the first to the neutral

of hes friendships and his ennities has perished; his surks support no only as pleasure is obtained yet, thus unassissed by interest at passault, The effects of Lavar and compacition are at an end the less from opinhes with arguments, or r supply any faciles with lavestices; they any other reason than the teste of pleasure, and are therefore praised they have passed through yaint ins of taste and changes of manners, Int a market tal transition to vanity on the formal to

at I a they on the defense of general in the energy beginning hew leavants at every transmission,"

a language-spreader. G. D. William page & well: "The part of Stakes-Three and a half centuries of such popularity have made Shakespeare ten a fall to the freeze, see taper the design of the second of the seco that of any other Edizabethan neither. Our debt to bim in new words The property of the best field in the second of the second the tale is not yet told."

the best. He, of course, as for more than a language-marker, though that is the readlest aspect in which to emphasize his contribution. As Shakespeare was the master of the English language when it was near diffuse serve as the second and enteresting and the letter of the second second

The thenre of Shakesprare and America is fascinating.

Owering, and their ship the Sea Fendare had been wrecked on the coral reads of Automobia. The funding charing the rights of the Virgisted culturary was on the Say Friedrich min max werethed on the court of Two years before his last pay, The Tembert, was preduced, Sir the liberal manual as there. In the I we have

Walter Lote of who went first & astronomer that, but and

Liner and grammer Why with and personal banages of the Virgina Company's bitteries.
Sinkespeare's friend and patrion, Monry Wristhedey, the Earl of ing of the Junestown expedition, for he was a mocket of thruge Weys note a whole the children with a second and but it denotes a first and to release a large to the behavior of the first they wild lay out ten to see a dead indicate."

of his powers to Ame Unibassay as he course her in her bome at Simit-

Card on Ason, She was several years of for then ha, but their mar-ter a ment of several of the the bottom of Shakespeareana in the latter etakiwenetit water left by Mr. and Mr. Hanry Clay holger in teast to the trustees of Amberst College, as a gift to the Nation. mediate, district of Columbia. The \$2 000 000 marble and fing and a world is becaused in the magnificera Forger Shakesquare Library, Wash



### Queen I krahech (15,33-160.3)

In Ber beiger, too, English a femilia investigation had its beginnings on Will to the last in a river to the control of the last interest when it is tubbed, deriving it from the Greek word for a riber, the kiron,

fact coerdes, but no stea Kast Farands, . . . If thad shart not forth to 1 1 1 1 1 1 1 by real m. Susting one fant on Calans and the other in Scotland, steadthe helm, we be at the point of greatest mostly that can happen to and executed; all things dear; excresses in meat, dust and up, use; dariprospect for bagind at the teginday of Elizabeths regn (1558); - I st 1 11 11 the office of the section ----1 1 I may all sold of the section of the section of a hilly in the little in the to hill and blish and holder ar will don at the state of the 1.9 7ml 7 m 1 3 of the

Tripodes in Syra, at Abeppe, at the relation, at the same and, which is in 1559 Haklant in as Parages wester "Wildh of the Kings of this bund before her Majorty, had tack banners ever seen in the Caspian Pass and Italiic with the Princes of Lie Mahacace, & the like of Jaco, double the law of Same the thickers, & law out the of Same History, & of the South Sen, hard up at the Luzonges, enter forto alligace, amile and a sample and overse and by macked a Ц . .... The state of ships dig heretofore ever mucher in the mighty abor of Plate? be a second of the fact that the result is ( ) ( ) ( ) ( ) ( ) traffic with the Princes of the Mohacacs, & the Lie of les et aftit mina prills are, wheelie in a Tring Missir Transfer 110 | 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 2 2 1 1 

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I under the trigon of her sister Mary, Libraheth suffered five wears of her sister Mary, Libraheth suffered five wears of her and her in the constant of her in the constant of the constant of the constant of the her manager, often have wondered whether she roles from the directless mapper.

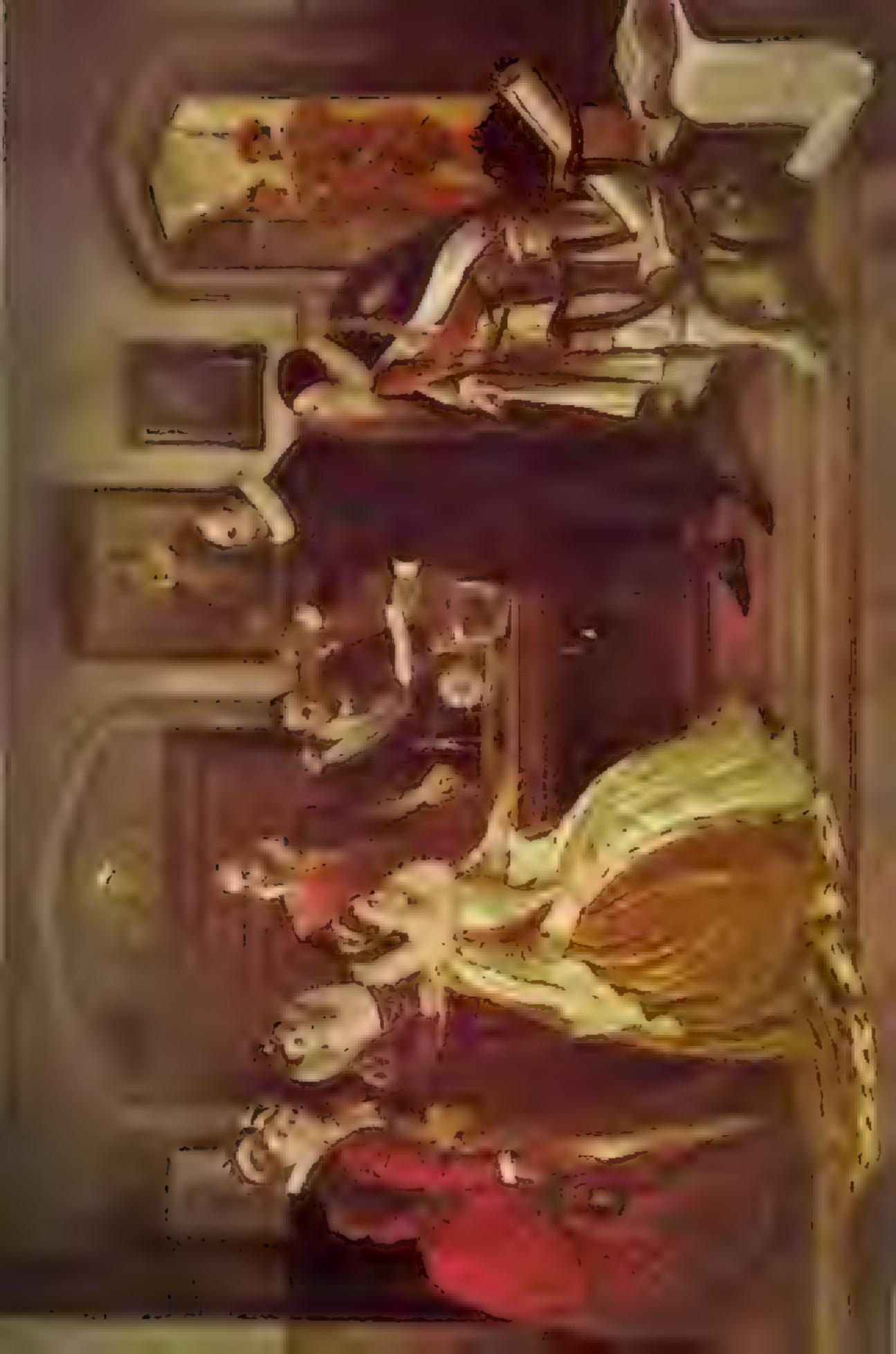
While Mays nondered whether she rolgh but end her days like her and are.
While Mary was busy busined broat (s at the stake, blirghelb (t).

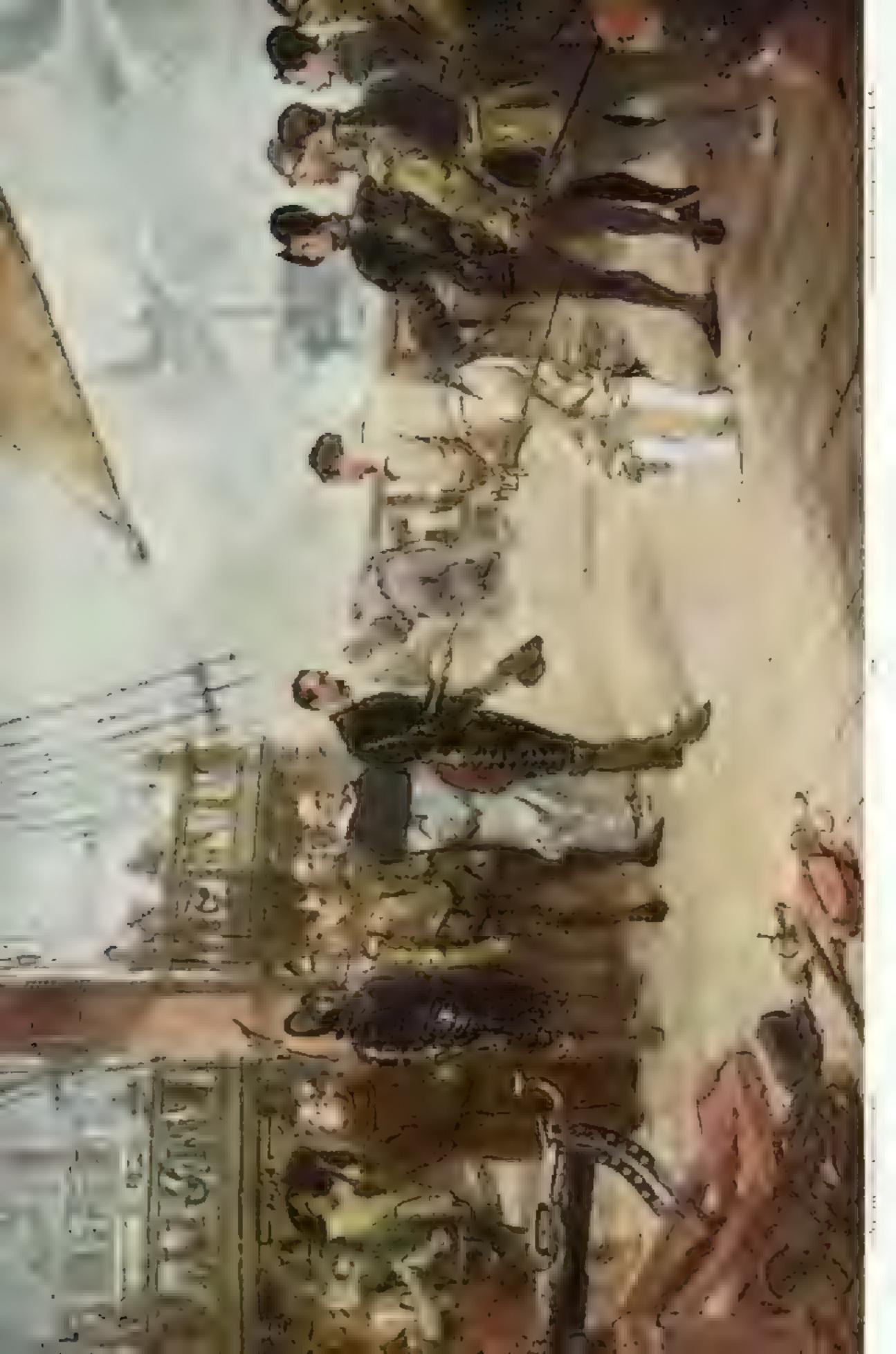
The first indicator of the first of the and the stake, blirghelb (t).

The first of the first of the first of the stake of the first of th

Such with a fine Queen who sent her search for the North with a search for the Chrys was one of the least traveled mountable in history. She serve left his and when she put the conduction of the least traveled mountable in his traveled the least traveled the left of the least traveled the left of the left limits of the left land and when she put the dependent his traveled the land when she put has been also become watern on that have such decreased the fourthers.

her prese values of Cafabratar, England, hangs Ardina A. Harista in the town had of Cafabratar, England, hangs Ardina A. Harista in the two of Yardina in the first in the Fridal Carlos of the first in the fi





### ke and the Hizabethan Scamen , 1589) Fancis Ora

assembled at the time, to trush once for all to we but from ess and a where people." But the islanders were buckling on their arrior. PAIN baped by means of the Armada, most powerful first ever

THE RESERVE OF LAND a hel ung hand the following transming the bravery and dash of Eliza-On the evening of July 27, 1588, Sir Francis Druke went below deck to read prayers to his ship's company. With the while of Heaven giving Summary of the contract of the bound Bulling of a party along in party of the interest

Stanish galrents. The defent of the Armada was the in part to the lish skips were lighter and easier to bandle than the great lumbering Apart from the seperior seamaiship of Daske and Lis men, the Eng-

English invention of improved methods of asing the wind.

1 Why | 1 E' 1, sent It. and the Assentant of the Armada was adjusted in the Mosth Atlantic, and the Result of this was the expansion of the Englishmontered came and Phida II of Spain ande his our for world mastery. The mation was ready. In the middle of the lock century, West Country fishermen went in large numbers to the Grand Banks of Newfoundland, Later on when the Edizabechnes sought to descover the North-17 The Interest of the State of th SHOW AND A PROPERTY.

the outlest of the Elzahethana and their saccessors. On the map of The way of the interest of the second of the a line and a aper well by burnel to gr Balin, Dave, Hullan, and pihers. \$100 m PLATE IN T

they werets. Wherever the Spaniands had breat, they went, and thick Fart it was not early to the indespitable mently that they so led in the CIMENTAN - PAR INTERNA

a war of religion away from Publish stores; she knew too nearly of its A latter ngs has valued them mere pirates, but publical necessity was the justicization for privaterring. Elizabeth was determined to keep horrors and was aware that, if war came her brother-in-law, Philip would site up transity for her at brane,

Thenderen table When her one side testured her seamen, Elizabeth was results to retailistic to any extrust—short of war. The and-ton table became popular with her subjects. The Spanish treachery at San Juan to sail near. burned Singlish Peritestants and receiving of her gentury

de Uliu, in Mesico, gave Lazabeth nambe exerse by Bingeing the King design the transfer and and the transfer Brile a luring hetred of Spain that never left him

a tree out the Isthmes of Parama, chught his first such of the Parific, and "bescught Afrajahty God of His goodness to give him life and leave to said where in an English ship on that sen." Probably the includes occurred near the spal where in 1513 Bulban had desired "Aimighty that and the Elessed Virgin to give him great success to subdue these lands before the man that the distance the property to the place of the rest of the state of the state of

Depthors and on April 4, 1581, knighted the greatest saller of the age for his feat of throught play his by his feat of throughness gating the world, "the litest man of any has our (Marsh Lead In It was a proud on ment when Milabels verted the Colden Mind winder and the Parehally of 12 ag

five to complete his attempt,)

Finals had visited Calibrani, In 1579, and la sight of the Calden Gare
bad received the hange of the Indians in the name of the Queen. A stangegress commenters the fact that he and his men took part in the first service in English, in accordance with the rites of the Chamb of

The story of Walter Ravigh belongs to the reigns of both Elizabeth and Lames. Nothing that defined from the part. The shepherd of the seas, played in forwarding English colonization in North America. His is a colonization in North America. His is a colonization in North America. His is a colonization in North South S

hilt-first by Don Pedro de Valdes, commappler of the Andalusian flag-ship, in baces of the surrander of the Armada. The painting is used, by permission of the masseme authorities and the artist's son At Plymouth in the City M. secure Art Callery hengs the John Seymour Lucas pacture of Sir Francis Brake receiving the saverd handed to bim



I Superintended by Maria at a 18th

# James I and the Translation of the 13th . Itally

No IIII Klain Marie helder the factor of and some start what the property of the contract of the factor of the factor of the speciments of the contract of the speciments of the speciments of the speciments of the speciments.

It is strange that so insignificant an individual as the son of Mary Queen of Scots and Paradicy should have been placed by destiny on the the or a factor and it are at a control of the the age of 13 mapping. He was a deliante, good-tempered, but thosely tay, the trace was too large for bis or with his head was too large for his

Me he came King of England in 1003 at the death of Plicyheth.

low to as he had a personantially were may be and boxing, but James had a read appreciation of centring and poxessed much sheware.

One of the standard of the following the boxing and the politics and religious, for the bad no love for either Papal or Present on a figure and seligious.

The keynote to his teign was his belief in the Jävine Kight of Kings Once in the Star Chamber he said: "As it is athebra and hissphemy to the said: "As it is athebra and hissphemy to the said to the said to the say that a King can do, or to say that a King cannot do this or that? This icas of monarchy can aiped the germs of the said the germs of the said the germs of the

The decision to undertake the revision of the Billie was made by James at the conjectors held at Hampton Court in the Erst year of his regn to investigate "things pretended to be amiss in the Chinch." The gathering was convened as a result of the Millemary Petulian in what is the Linear Details in the Millemary Petulian in

They had hoped that the new Ming with a Scottish buckground and upbringing, would be plantly, but they reckoned with an their host James said to the Puritans. "If you and at a Scottish Treshylery, Buggrees with the toonabely as God with the devil." And, t praing to Such bishop Whight, he added, "If you ware out, and these naming to Such bishop Whight become of my sapremacy—for the Bishop, no King."

town in the start and the substitute of the start of the substitute of the substitut

to achieve face through pretty and prose. At the age of 18 he published Exercise the property and prose. At the age of 18 he published in the first of the day. When it had been reviewed carefully by the leaders of the Church, it was finally to be ratified by the King bimself.

Conty-six revisers acre appointed mader the presidency of Bishap and a relative to the presidency of Bishap according to Theones I giles, "the Kara had so great an area and some still and the all the seasons in the presidency of Bishap and and the seasons of the property justing in which he was accustomed to indulge."

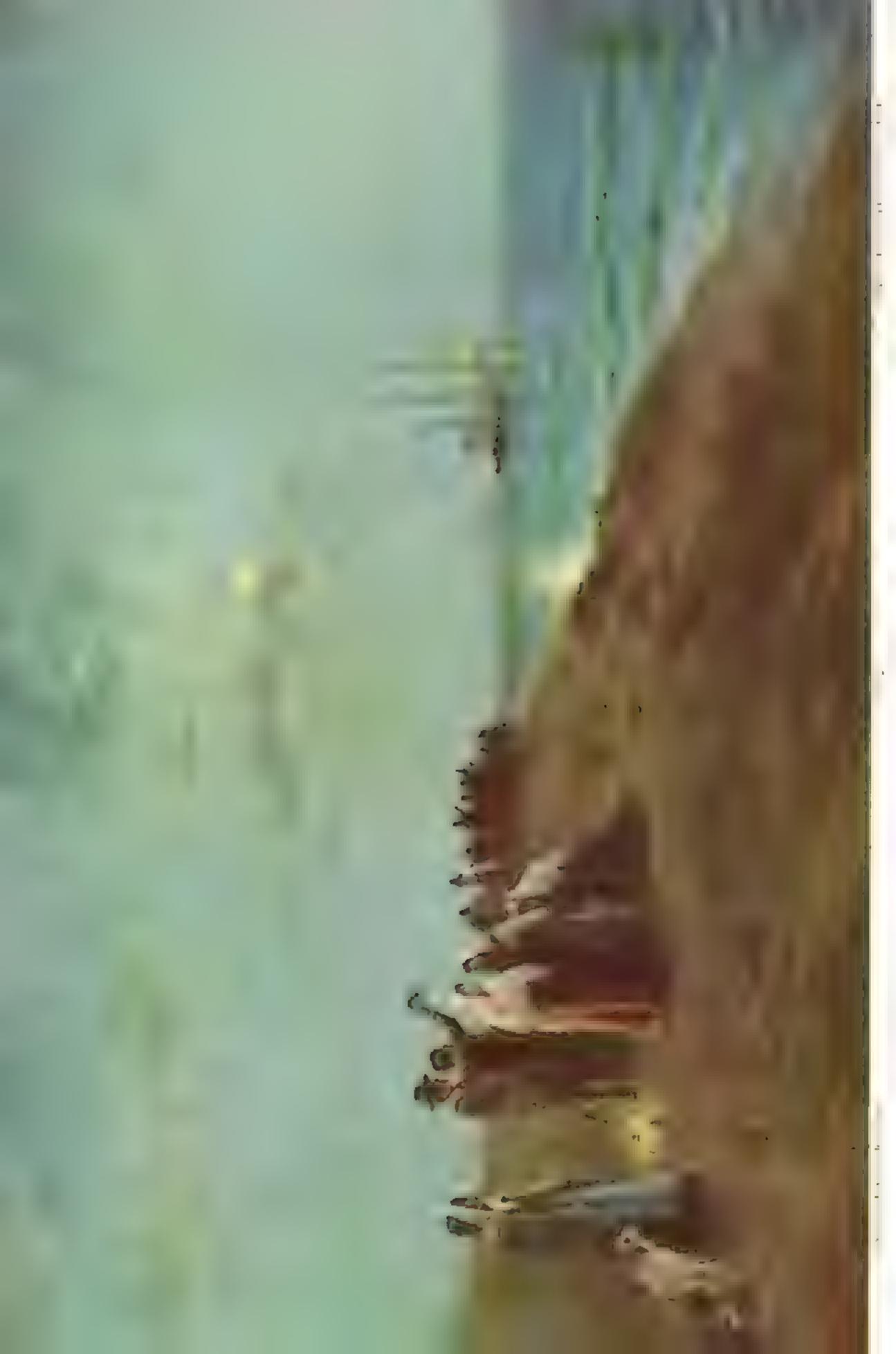
The reads is ware that the ware, latter best in the reasons who and the characters who fit is not been as a first the committees to party, and the committees for a fire a fire appropriate party? write placed on the committees for the committees.

testionalisms who, he will not to the product of the Atthoughts of the continuous proves the product of the original will permit.

In an age of verse that produced little lasting prove, the Authorized Vetsion became the prove constituted little lasting prove, the Authorized Vetsion became the prove constitution of the English tengths. Its fancting the fath tenthery, here will dissent from the verying of the Richard Carrett in the bistory of forgish Literature that the English Bible this is gony is due to no one man or set of men; it grew in the 80 years of its evolutionalise a cathedral.

Junes I's reign covered the sailing front the Thurses, on Decenther 20, 1 in the third is seed that the Discussion (20 beins) under these discipling also, nearly 120 beins, under these discipling also, nearly 14 years later, the Manifester softed

Actuably, the literary filting of the English Babb ang be east to have by in an analysis of the Scale of the South and the south published 1988,



### Pilgrim Fathers 1620-250

12 years printer of the time, the Il aland fand it come out of England in the 19th contany; and of the nationals of the and little gong - America at 1 2 , the heighfulled to make a till and the their identity to brace the burdships of a primited walderness. period in a starting started the contract should no restainshiered that the Filgrins lived there THE STORY OF THE PILCRIMS Is AN PRO-With the exception of place, and the persons.

the hampering activities of European governments, could these bloas الا ما المكاملة الآب الله بالمعارفة ، Orde in an entire,y new Land, Free from precedent, for away from All I see a List Well

in the radiosents of democracy could have made it work,

Republic; that he an era of superstition they proped not unsuccessfully to a compact the first and in account to the first of the first "The plate tacks will doubtless lead the candid reader to the curin the I wash. de nor d'a la l'édia l'Arba - servage à il lour à alors polssie The the term of the state of th A total heyen, it i go early to and

In the contract of bullety was a reached of british 141 211 - 112 14 at all regarded them with takike, From the control to the A Track or keep the Church was made, And the Bishops remained in fact force fre as those are which the status gass was bussed.

The executive of the state of the state of the state of ask from what sounce profits could be derived in New England. Being an bridget trade; told "Fishing," he replied, "So God have my soud, "is two its by the resident and in the second have my soud, "is

Only 70 preprint were found who were willing to take a chance Printing all taligation was so far inadequate that they were forced to sell a large had Jamped to her up Virgita stock and others who were even then false tar l'arire capof butter to pay the part charges on leaving Southantaton, on the begree of they however one of the wind and the section of the property of the first winter in market by the train to the training minokat

and the property of No duckt the fiftees on the Permuch and Southmerpton docks, watching the Mary Fater's and Speedarch holes sail, throught their occupanisas the Puritan Isaac Johnson recorded of his awa

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entries which explains the ase of the term "pilgrims".

So for the pools & planting to a distribution by the form "pilgrims".

In the rest to pools & planting as a list be get to between, include an their eyes to ye between. THE COLUMN STORY OF THE STATE O

will be a present the lands of the Marketinian Property will be a present of the Bernellan and for an Hard River's lands and the Property lands It is enabled that the two expedicions which founded Undian and 102 emigenate on the Mayforne, and 105 on the Jamestown expedition The elistrict where the three counties of Northphamshire, Yorkshire New England, respectively, should have neep almost equal in numbers-

not authoritative account of the Mayfaury records her as lying at a little of when the control of a control of a control of when sail of when sail of when sail of when sail of when sails." In all probability she was little up at Several of the crew are and to have have Kotherhube men, and the gradually coming to light; there are still mony gaps. It is believed by two land to the life of the second and the second second to the second Island claim that hance. Only in 1994 did a search in the records of the Admirate revers the fact that Christopher Jones the skipper of the Manfesser died in the matte Rocherhitte in March, 1922 the stary of Leaden's association with the Maydower is only Rechardithe, within sight of the lower of London

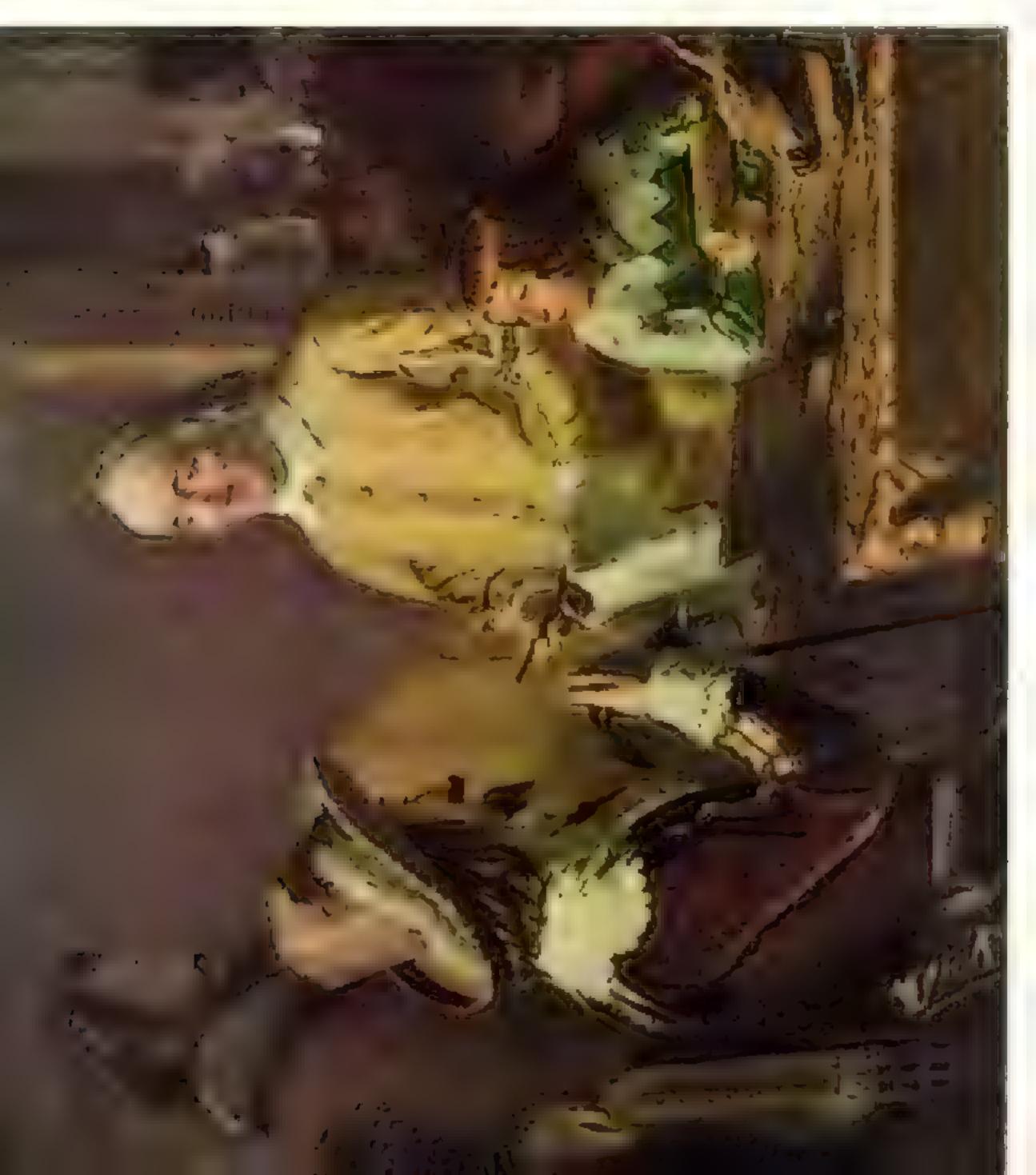
Their departure caused little compress at the time, but per eaths has and the state of the state of the state of the state of the Figures. In the state of the Figures. And the Attention being Edward on Angels 5, 1620 was presented in 1940 to the U.S. Navel Academy. Moveter, Annapalls, Maryland, by Paul E. Suter of Thilldelphin. The vivagens on the Marylower represented a cross section of early bit sention, Employed with their good qualities and their fadings. Differenting Empland

#### Dr. Wiefner Hirrey Shows Hos Bland Cher and

lay role, "in a percent of the second second

for the war succession of the bear for the transfer of the tra

S. I. . I . . I . .



### Villiam Harrey (1578 1657)

Darquearing on the Mericon of the Newton of She hereby the flower of the Sheet of the Section of the Sheet of the Section of the Mericon of the Section of t

Shoul, Canterbary, took his BA, degree at Cambridge at the age of 19, before setting out for Fadou. In the 16th century there was no base medical achord in Eurape, and we can picture your and cages Haves listering a united to the case picture of the interior.

Scott are a second of the parish of St. Martin Extra-Ludente. Unformed to a source in the parish of St. Martin Extra-Ludente. Unformed to a source in the parish of St. Martin Extra-Ludente. Unstructure, and the semiment Bre surjudent to the pentionent Bre subpressed for an inscription in Foureston Church, was endowed with "all the yltures." Aside from the returned in his will to the others deceased wife," there is notice to return the pains he takes in specifying its bubits and accomplishments, itself parish is the three pains he takes in specifying its bubits and accomplishments, asye here a favorice of Increes.

Within five years of his mirriage (in dubt his father-in-faw's inBuence was useful Harvey was appointed physician to St. Barih domay see the intervention of the oppointed physician to St. Barih donoty such medicines as should "doe the procession," without regard
to the permanent he began the famous series of lectures at the College of
Thysicians, in Knightnder Street, near St. Paul's.

In these lectures he first runde public his ideas on the circulation of loss. These shields it all loss not are the first on he and all one

of the entire harman frame, The hunt sends the bland, he asserted, to the lings where it is partitled by the nit we breathe, and then drives it by one are not the articles.

by means of the articles throughout the confer system.

Hartey dot not publish his book until 12 years after he had made the form of more than the form of the form of the following the

According to John Authory, Harvey's discovery pave "a discipling to his protestional prosperity . . . Iwas believed by the valgar that he as a minimal to the form of a protestional prosperity . . . Iwas believed by the valgar that

Market the surrender of Oxfand, Harvey relations to private like and passed most of his time with one or most of his brothers in the City of Landon, at the "spenition village of Lambeth," or at Rochamy ten.

A platers of Harvey in earlier life is given by Angrey, who tells us

A picture of Harvey in earlier life is given by Angrey, who tells us that he was went to visit has partients for horselvick, with a for t-closely his man is limited for the fash on then was.

his main following an facit, as the fash on them was,

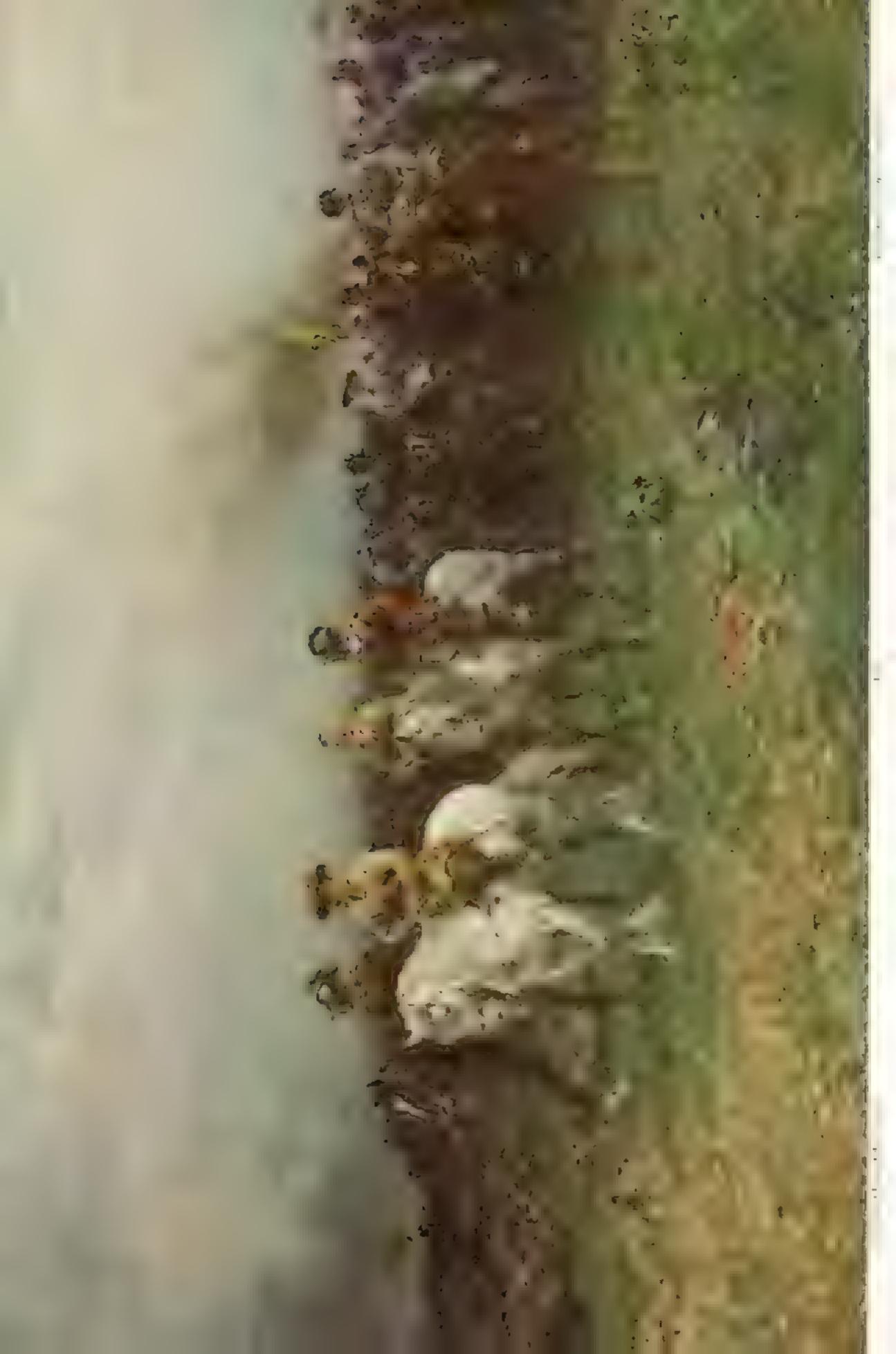
We also of the the second little eye, round very black and full of
the walnscot complexion; if the eye, round very black and full of
the true and the test of the test of the test of the test was, which he weath as not to dear out upon every occasion?—

I called was, which he weath as not to dear out upon every occasion?—

I called the test of th

less in the control of hereerage with his brather Ellah. He evidently paid attending to the making of his coffee, for in his will be specially teaces his "coffee-paid" to faint. To his foread, Dr. Starbor agh, he left his "sliker instruments of surgery and his best verket pown."

When we read the story of Hurver's life, we have constantly to rapid all mineralizes that he was no Elizabethine to was 25 when the Virgin Queen died. Even after the death of Elizabeth the induct in which the bullets with grown for the satisfact in at saving the bytes of fact part Lancashire women included of witchingly, who had achieve the training of the control of witchingly, who had not by ten midwives and seven supermental basic physical examination; a manner of the wall



and irretuculty Leave was the part of the contraction of the city of the contraction of the city of the ci The state of He was the expression of the great bear this character Pugles Not yet 1 - 1 - 1 and the state of t The state of the s Limentally-because the two things are intipartely TORNEST HARRING RIVER IN LIGHTHAM CERTIFICAL pertups the greatest we have had -- of the genius of 1 1 1 1 1 1 1 11 11 11 11 nuticities later

We may regard thiver the wast, as the last of the great Elizabetums and a such that the first finite for the first force of the clean that the condition. And the last the last the last the England is freezestly so destrable at not comply so much feated.

tr with the bound of the property of the property of the greation of the contribution of the state of the sta

Boston, Massachusetts, "I am a poor weak treature in order of the brown in a compactive in the contractive of the contractive in the contractive between the contractive of the contractive between the contractive and property is a contractive to the contractive to the contractive and contractive contractive to the contractive and contractive contractive

Oliver was been at Hentingdon, in the heart of England, and Baishad

his studies at Carchidge, the mate culated at the age of 17 at Sidney Susses, regarded by Archidalop Laud as a "run-ery of Putitarian" of the color of the factor of the color of the color

brishering spart of game."
In 1850, on the death of his male, a farmer, to whose estate I succeeded Cropawell mared to Ely. While working on his farm b

was thinking drapits, and, as he tells as, after a long period of religious expression he was finally 'given to say light'.

As take as Jumpacy, 1643, he was still rady a supposition of a troops of least the still of the supposition of the supposition

Commed thow his energies into the task of military usanization in bast Anghu, and before bag the photo countryfulk were prined into late to the photos countryfulk were furned into late to the late t

Also Mir for Mine at Company printers in the Study is before as the property of the before at the form of the before at the form of the start of the form of the start of the

posteral leader, known is "the great independent".

For and Link of the State for the Shidhands, and Landen, while the King, Charles I, thew lake the Shidhands, and Landen, while Wales, and Landen, while Wales, and the North Landen, while Wales, and the South, With the Ell of Oxford (June, 1949) has were with the South, With the Ell of Oxford (June, 1949) has were with the Landens and the war to the course of the the Contract of the course of the

Having rejused the tale of King, Cremwell was installed as Protector in December, 1653. In all he did he was consinced that he was fighting the Lard's landbes,"

the party of the standing to his rate. In addition to his put at the definition to his put at the definition to his put at the check to he is a transfer to he is a tr

Sites in terrals winter of 16.57-58, when a maligness fever taged a rocal of the form of the solution of the form of the form of the formula of the formula of the formula of the first formula of the flattice of

### John Milian (1608 74)

the Puritin Age, produced some of the most exalted postary ever written and in priesthe near the state of the literature of the term of the terms of TORN MILTON, the one proof Hernty figure of

Value promoted to the test of the test of the test of the test of the center which in his december for the fisher historian, talk it in no of the by the offsial censor, and many bucks were subjecessed merely bequire In his time mothing could be published beadly until it was reduneed 1644, the world owes the preservation of many great works that almost THE NORTH they did not please not official who exact his position to political (ava. 1 . M | . F . J certainly with the rest is treated by the remain The state of the s

outhook on life was his independence of thought, and, finding in no sect the masses of the true church, he prayed to God alone without hady arrients when Million's father had hoped that his son would take budy unders when he finished his studies at Cambridge; but the keyment to Million's the a grand like I so those were being a settle of the

With a mont extensionably in a classic fearing and bighty skilled In decesio, the years post returned to his father's estate at Horton, a sylvan Backinghamshine valuae tose to Kamayayele. There in six

year bearing by a real and

Such a many first and a secrete of find and the restaining the first public section which is the first public section and his remarkable Of interest, in view of his Mitten set out in April, 1638, see a niter his mother's death, to seek subsequent less of sight, is his whit to the libber and areal Caulton. personal tradity ment not him everywhere,

News of the break between the King and Carlangat caused Millen Total for the Mind of the Cartegal Liberal 12 holy to be to give up his travels and literary conhitions and retorn to England July a with a talk the condition of the man want

For 2D years he talked asi he from poetry to write prose demindations Tentare of Kings and arguments in surner of the Paintan cause. His at the warm old a copy why sop

ernment, and from that line up if the end of the Commonwealth he led Makenta was appearated Secretary of Ferreign Tutgeres in the new gas of 1640 verause they had sent a King to tap waffold

In poor health at the time of his appointment, Millen had bloady the people in thought as Cromwell led them in acre a.

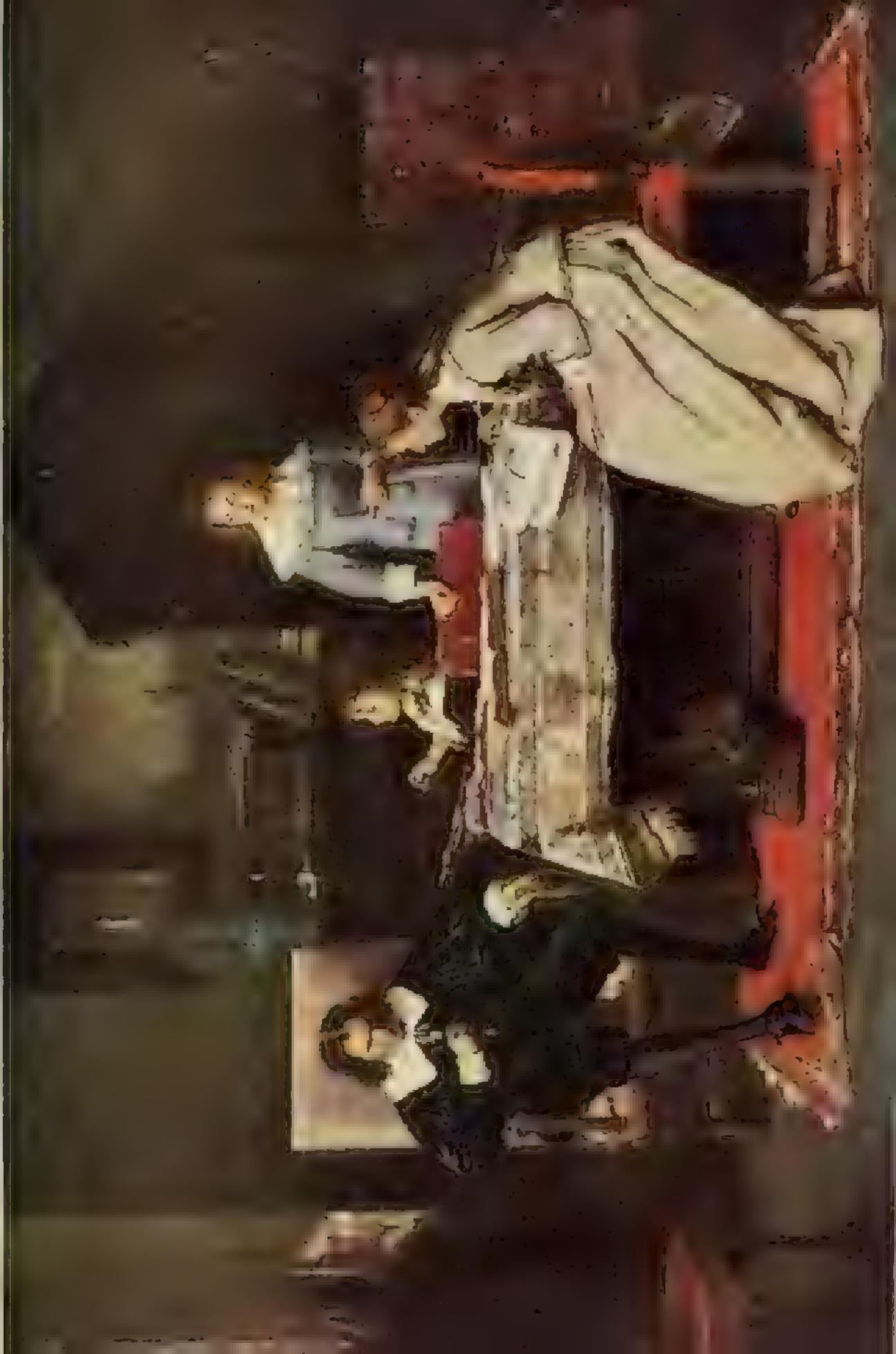
lust the sight of one eye. Which he indicated to write a reply to Claude de Salithunds Royal Defence of Charles I, he know that the result would

has the loss of sight in his termining eye. Nevertheless, he was ready as he beared, he beared he beared to the little of the little of the little of the head to go into hishing to except he project to the little of the little of the little first of the little his great epic on the fall of man, he received but £10. One of the first events is the may reign was the burning of two of the little little little first events in the may reign was the burning of two of the little li

there the last we have agend a round to be three Without the works the last strain of the

Whatever the chase, withle a few works Mary fled to the parental real and parent depends on and parent of the peet's repeated pleas to rejoin him.
With the defeat of (burles) at the Buttle of Naschy, the Postell family (and a state of the state of the contract of the little burles) and an end of the contract of the c who states all with a restrictly bear in the factor, and black there is supplied for any bear and state to be supplied for the factor of the f

His daughters lead to him and took his dictation of his later poems, as shown in our likestration. The palating, by the Hungarlan Michael and Mine in the Hungarlan Michael and Mine in the Him has a high in the later to which it was given in 1879 by Remed Lemma Acquardy. The list one of Millian shares of the first first to the place. In the supering the place.



#### Daniel Defoe (16617-1731)

I discovery of two fratures used to this day—the interview and the lead editorial. He was in fact the first real pews reporter in the numbers sense. With a penuthable "ruse for news" he collected stories wherever he went,

Daniel Defor's masterplece, Robinson Conme, is one of the few books in any language
to remain popular for more than two centuries.
It the time of its publication in 1719 it went
through four ed tions in as many months, and
new and ever more claborate editions have
been coming out at frequent intervals ever
since. One of the more recent is illustrated
with paintings by the life N. C. Wyeth.
American artist, whose picture of Crusoe's
taft is reproduced in our plate. The story
has been translated into virtually ad modern
languages.

Despite its dime-novel plat, basesome nursalizing, and total lack of large interest, it stands out as one of the most vival and gripping adventure tales ever written. It is not, however, as some enthusiasts have called it, the first English navel; for it does not, of a true novel, subordinate incident to character partrayal. In it the exciting adventures are of paramount importance, and observations on the hero's observators are confined to

plans or fing the.

The story is bunded on the experiences of the sailor Alexander belief, who, after being mirouned for five years in the Juan Fernancez Islands off the coast of Chile, was picked up by a British vessel and brought back to England in 1709. According to Selkirk's own battement, he leat his notes to Defoe, but the shifty Defoe denied this, avering that he bud written the story of Chase in 1708 before Selkirk's return. Defoes romance—inclinatily, it envers 35 years instead of the five of Selkirk's experience—reads according to sailor's log

As proved in the Journal of the Plague Fear and Alemairs of a Canadier, Defore had the newspaper reporters knack of giving apparent eye-witness details of all events and scenes he recorded, even though he was describing things he had never seen. He doubtless borrowed from Selkirk's notes, but most of Cru-

see's adventures were pure fiction,

The chief charm of the story lies in the fact that it is absolutely true to bie. Putting himself in the place of an English sailor marcaned on a desert is and, and luring the tender to do likewise. Define made Crasoe live like an Englishman wresting from harsh Nature with his own hands all the things

necessary to comfortable living. Rousseau called the book the best treatise on education ever written.

Son of a Landon butcher named Fee, the author of Kohimon Crame retained his family name until he was about 40 years of I, when he began to sign himself Defor. He lived a varied and turbulent three-score and ten years, passing from poverty to riches and back to penuty, from wealthy tile manufacturer to penuty, from wealthy tile manufacturer to penuless back writer, from jaillifuld to popular tempaper editor, from fagilize from justice to secret agent of the Crown. Whether Whice or Lories were in the ascendancy, he usually contrived in find employment with the ruling power; but his duplicity was made public a length.

He published in 1702 The Shortest Way with the Dissenters, a ylolentsy satirical panythick supporting rights of free churches against
the "high flyers," as he called Anglicans and
Tories. So characteristically realistic was the
satire, recommending that all dissenting miniters be put to death and their followers exiled,
that both for those took it literally. Defor
was promptly attested for seditions likel and
sentenced to be fined, exposed in the pillory
for three days, and imprisoned for an indetrnite term.

M kild copy out of his mish plane, he

were les doggerel Hymn to the Fidory, which

Hal burneyphic state parlane, Contrived to punish famey in-

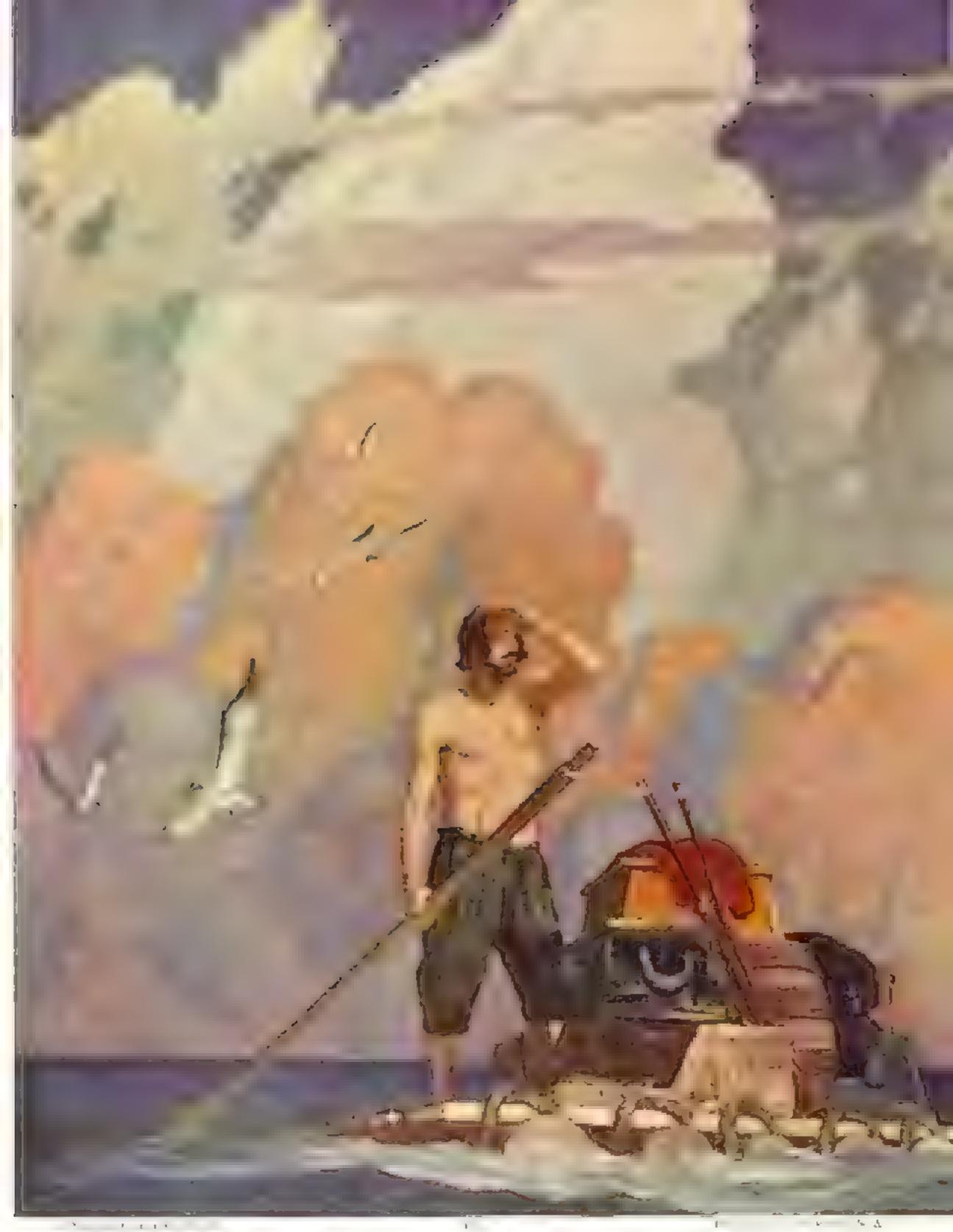
and had it scattered over tap ion as a handbill. It was him instant acclaim and brought about his transfer to Newgate Prison, where for with he started a popular newspaper.

Until he was nearly 60 years old, he confined his writing principally to political pamphlets, satire in both prose and verse, and polished essays on communics and government.

Define stored with Robinson Cruthe a success that more him famous and well to do. He waste stories from then on with amazing a quality—Captain Singleton, Dancau Campbell, and Memous of a Cavalier in 1720; and in 1722 Colourl Jack, Moll Flanders, and The Journal of the Plague Vene.

No other British writer save purhaps Sir Waster Scott has approached Defoe in volume of literary output. In his more than 200 works there is an asterishing variety of theme and treatment; Lat all are wraten in the newspaperman's simple narrative style, and all are distinguished for intense realism.

Jonathan Swift, brilliant crattemporary of Defoe, published his original Guttiver's Travets in 1720.



"Lea a Mile or Thereabouts, My Raft Went Very Well"

The state of the s

#### Christopher Wren (1632-1723); Robert Boyle (1627-91)

THRISTOPHER WREN has been called the English Leonardo da Vinci. Resides being our architect of greatest achievement, he was philosopher, astronomer, prolific inventor, and sail ed mathematician.

He will always be remembered with gratitude for the part he played in rebuilding London after the Great bire which swept away the city as it was in Shakespeare's time.

America as well as England beneated by his work; for he designed the oldest academic being in the United States, at the College of William and Mary, Williamsburg, Virginia, and his aleas largely influenced William Pena splan for Phikulelphia

It has been suggested by some scholars that the radiating street plan a lopted for Annapolis, Maryland, and incorporated into the L-Fulatet pain for Washington, D. C., owed its inception to the tradition of Ween's work.

Heraitse of delicate health. When received his early training at home. His father, the rector of East Knoyle, Wiltshire, possessed some skill in designing buildings; but the somet first showed at desire to take up urthitecture as a profession. He was professor of astronomy at Gresham College when Charles II induced him to turn his him a on his studies of the sky and become assistant surveyor general.

As a that Wren possessed exceptional brain power. When he was 15 learned mathematicians conversed with him as with an equal.

His versatility was amazing. John Ewlyntels us of a visit to Chiford, where he found "that prodigious young schoor" at work on the production of "a pavement, harder, fairer, and cheaper, than marble."

The Great Fire which raged from September 2 5, 1656, and destroyed "Shakespeare's London" gave Wren, as virtual surveyor-general, his great opportunity. On September 12 almost before the embers had crased to gow, Wren laid before the King his plan for the tetralizing of the city—perhaps the greatest conception of his life.

To this day Londoners are paying for the sins of omission of their forefathers, who failed to seize so unique a chance of making the capital the best laid out city in Europe. Wren introduced entirely new ideas in town planning; his scheme provided for a series of wide streets radiating from a central space.

Only a Napoleon would have been aide to face through so great a project. Alas, it was two match to expect of a generation that had suffered from the flivil War, the Great Plugue, and the Great Fire. Only a few of Wren's proposals were carried out.

London had to put up with second best, and W ten threw hanselt with enthusiasm into be tremendous undertaking of rebuilding St. Paul's, 50 parish churches, 36 balls of city of parish churches, 36 balls of city of parish of much else best les. For the task of planning and supervising the balling of St. Paul's and the churches he asked a stipend of only 4300 per annum, preferring public service to any prevate advantage.

His greatest year was 1600, for he was involved in the plans for St. Paula and with the designs of 17 churches. As inte as 1710, at the age of 76, he still had himse f pulled up in a basket to the dome of St. Paul's, and there he would sit for hours supervising the work. He was 90 when he crowned his career with the tower of St. Michael's

Wren passed most of his time during his last years in a house at Hampton Court.

lie was accustomed to drive to St. Poll's from time to time, and while sixting under the great dome to reflect upon the many topes and disappointments involved in the completion of his mighty undertaking.

On his last visit, in his ninety-first year, be caught a chill. His servant found him after his feturn home apparently asleep in his chair; the great heart of Christopher Wren had ceased to heat. It was a peaceful end for the "loving, gentle, modest" genus whom contemporary testimony leaves spotless,

On his fomb in St. Paul's his successor caused an epitaph to be engraved, ending:
"SI monumentum requiris, circumspice."

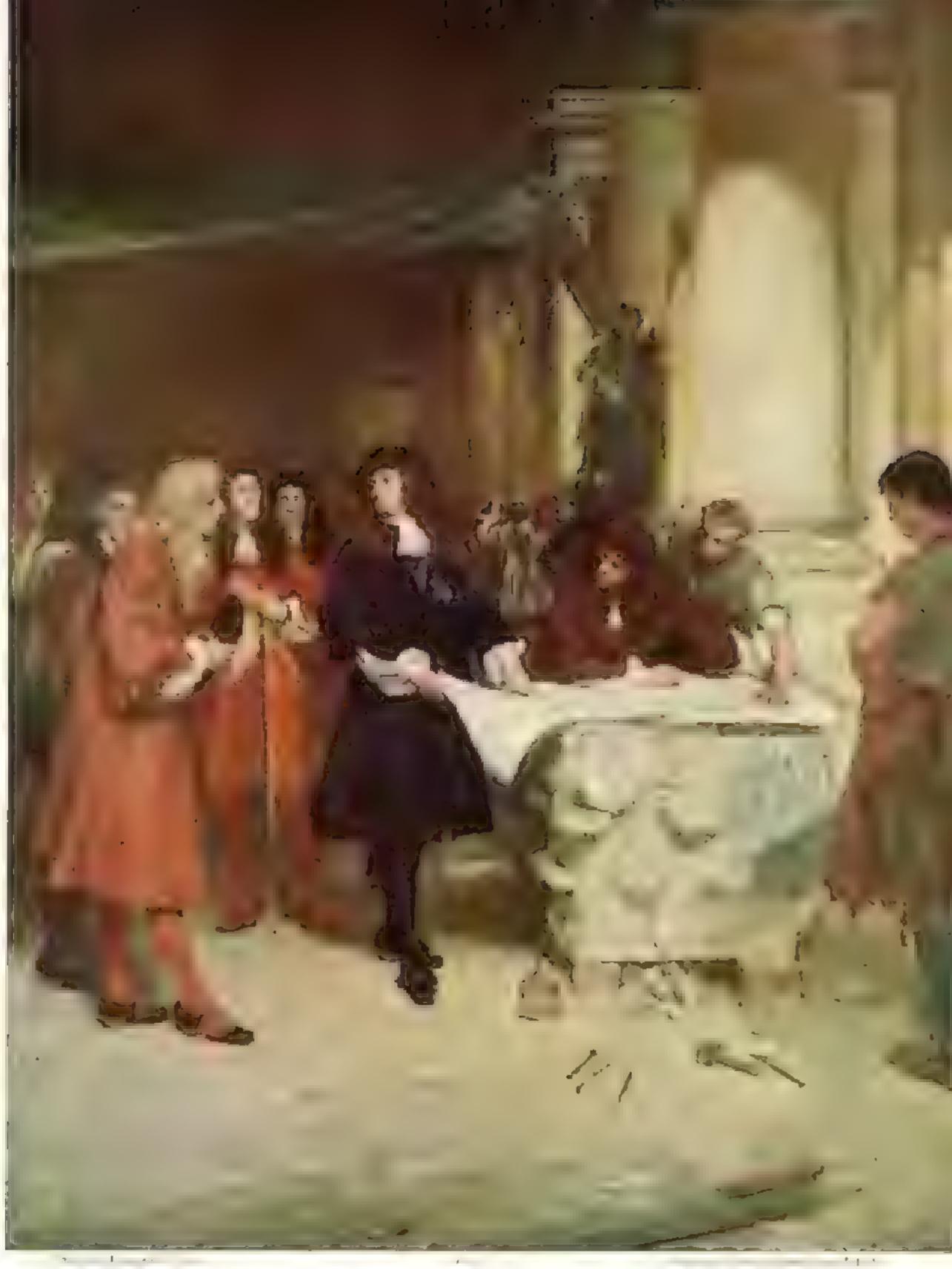
(If you require a won meet, look amond.)
Contemporary with Wren was Robert Boyle, who has been called the founder of modern coemistry. In the English-speaking world he is credited with discovery of "Boyle's law"—that the volume of a gas varies inversely as the pressure exerted on it in a closed chamber at constant temperature. A son of Richard is sle, Earl of Cork, he and Wren were leaders in founding the Royal Society. Boyle studied the part played by air in the propagation of sound, the expansive power of freezing water, crystals, electricity, and specific gravities and refractions. During the roign of Charles II

Though busy with science, Boyle studied enough the logy to earn church orders had be elected. He test Scriptures in Debrew, Greek, are becase and hought costly Biblical translations. His will provided for the Boyle legitures to prove Christianity against unbelievers, but but ade mention in them of contemersies between Christians.

he her ed thise Britain to a foremost place

arrong European nations in experimental

STRUTTER.



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The control of the co

#### Isaac Newton (1642-1727)

THERE EVER ANOTHER SO, "Fore as that of count has Near the schoolboy with no liking for broks, whose mind ten years later was wandering with complete assurance among the problems and enigness of the beavenly bodies, and who was to achieve thereby immortal fame?

He made known to a world which still bedeved in witchcraft the laws of gravitation, and by his experiments with the spectrum discovered that light consists of rays differently refrangible. His amuzing intellect worked out as if by manic astronomical problems that had puzzled the astronomical problems that had

Isnac Newton, a puny and premaune infant, was born on Christmax Day at Woolsth ope Manut near Calsterwarth, Lancainshire, in the year that witnessed the outbreak of the Civil War between Caya icr and Roundbead. Newton's father, a substantial yearen farmer, died before his son's high. The house is now preserved as a national Leritage, thanks to the Pagrim Trust, founded by the American philanthropist, the late Fayord S. Harkness.

Three years after her husband's death Newton's mother married the Reverend Barnabus Smith, whose purish lay in another part of the county, and lattle Isaac was left in the charge

if his gratifimother,

At the age of twelve he was sent to Grantham Granmar School, a shy and retiring any. When a school bully tounted him, however, the unexpected happened. Young Newton thrashed the bully. That scrap was the turning point in his cureer. Within two years be was head of the school.

At sixteen he left school to become a few or like his father, and to look after the family estate. Fortunately for manking, Isaac did not like country pursuits. He was sent back to school to prepare for Trivity Co lege, Cambridge. There his interest in mathematics was quicketed by Isaac Burrow, whom he was destined one day to succeed

When the plague brought learning at Cambridge to a standstill. Newton, then 22, returned home and in two wonder years log in his series of great discoveries in physics

"I began," he wrote, 'to think of gravity extending to the orb of the Moon... having thereby compared the force requisite to keep the Moon in her orb with the force of gravity at the surface of the earth, and found the answer pretty nearly. All this was in the two plague years, 1565 and 1600, for in those years I was in the prace of age for invention, and minded Mathematicks and I hilosophy more than at any time since."

Prof. Sherwood Taylor says that in these years Newton arrived at the binomial theorem,

the differential calculus (or "fluxions" as he called a), the principe of universal gravitation, and the connection of color and refrection although he did not publish his discoveries

for many years

Harley visited Newton at Cambridge and reprired to the Royal Society that Mr. Newton had showed him a curious treat so concerning motion, and that he had requested Newton in communicate with the Society. This Newton did the following year.

The incider t was the Leginning of the Royal boxesty's interest in Newton's measurental work, Philosophiae Naturalia Principia Mathematica, which was printed by Samuel Pepys.

then president of the Society,

He thought was his exposition of the plan of he also to and the continuous was responsible for the heliocentric system in 1843. Galdeo "had given visual evidence that supported this view." Replay "had discovered the chiptients of the panelary orbits and the laws that govern their motions." Newton drew inspiration from all these seers and in Principle completed their work.

At Combridge be had delivered the lectures describing his optical experiments, made on a prism be bought at Stourbridge Fair in 1666—the discoveries which led to his theory of light,

When Newton gave up his Can bridge profess rship, he came to live in London, and, an 1703, he was elected president of the Royal Society. This position he filled with great profit to it until his death 24 years later.

His investigations into the order of Nature 1 proof his reverence for God. At the height of his fame he modestly said: "To myself I seem to have been as a child picking up stones on the sca-shore and diverting myself in now and then finding a smoother pebble or a prettier shed than ordinary, while the great ocean of truth by thi undiscovered before me."

Milhough Newton's three great laws of motion are still as accurate as ever for the purposes of our workaday world. Tinstein's theories of relativity have altered somewhat our concept of the universe as a whole. Newton's laws showed the universe to be a vast interacking machine which obeyed the universal "force" of gravitation. Space was a fixed frame of reference through which motion of a heavenly body could be measured absolutely, as a shirts motion can be measured through the sea.

Libethin has shown that nothing in the answered is fixed and immovable, that the motion of any one body is merely relative to other bodies which also are in motion.



By Manne at a Lynna Burgetit at a Law November Discovered Secrets of Light

The state of the first terms of the state of

## The Mother of Parliaments (1295)

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of the Montfort. This assembly, known as the "Mondel Parliament," represented bang, Lands, and Comment, and may be sucked in he the precise of Parliament form.

In early times the hang was and leed by a Council of persons of and a council of persons of an early times the relationship of the council attachment that only by down persons did it become next the colleague of the sovereign, then later as a solution with a contract with

half and the formal of the for

Polit and Wall bell peritorn and on the third drothess of the of the monks of Westminster, which still stands and may be regarded as the great fire of The Long Parlament (1640-53) overhauled the English The stress but it is a terraphenal transless at the stress of the stress 11-1 10 11-11 let be, by a me the region by the reservable in a with the property of the prope In St. Stephens if net until got cut of hand-the Sharts did not possess the o A The traduction of the state o . 1-311 to M. Stephen's Chapel, 41.00

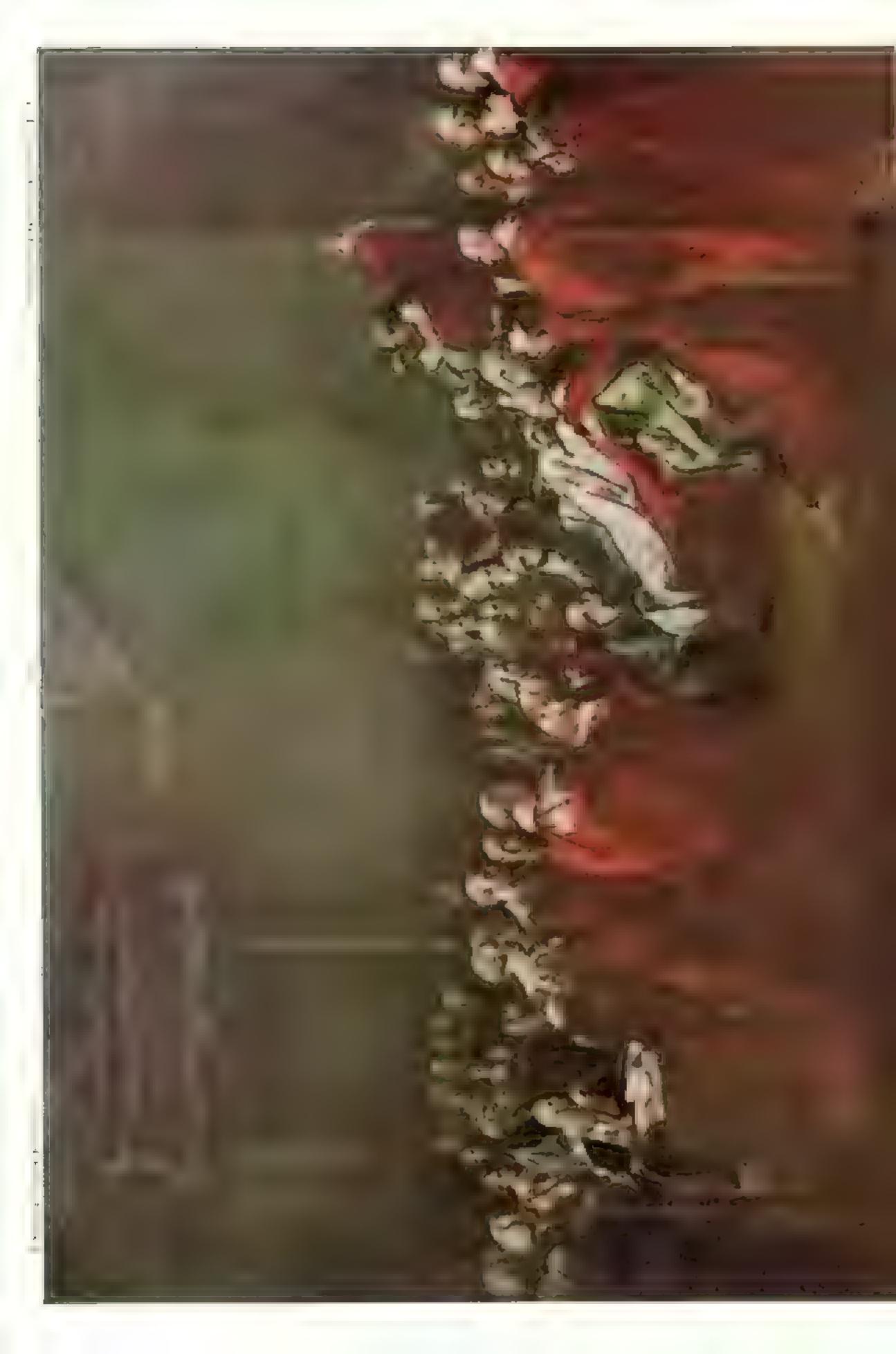
Constitution and introduced such reforms as a regular session of tacks without the consent of Par-Parlament and the prohibition of datles without the consent of Par-

Many of the definites in Lanlanient are naturally of these interest to Americans, Singe the class of Hours All such analysis for the the such and the Newfactural and roast, the quark for the Newfacturest Passage, the settlement of Virginia, in New Litter of the Seven Tears and the Seve

We are the first four cost, from the form of the cost of the cost

Same of the most elequent speeches ever made at Westprinster were before and thring the American Warry Barke has described law "the same of the rank of an interpretation, to britain a described law "the when, because of all beauth, in absented himself of training moments. Charkun had a great following and, when he emerged from the House, it is not to be the rank of the rank o

Death of Fitt" by the American, John Sughton Cordsy (1738-1815).



## William Degard of 697 1764

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The full figures have a specific to the first of posterior of the fourth and that the the first of posterior of the fourth and that the the first of the fourth and that the the first of the fourth is a short of the first of the fourth in a story land quite the first of the fourth.

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pencil, the set of mimiers, and an eye for the pleased. He was if

and an aggressive and, despite bis is the many and

the subsertiently writtend three cardy days: "I remember the times with 1 to the first of the confidence of the who has 10,000 points in his perket."

It was a lacky that for Waltim when be entered the little academy for the study of palading maintained by Sir James Thombill, near this area of the study of the period of Sir James 5 only daughter, "a long William had won the affection of Sir James 5 only daughter, "a

Si Jahr certainly would not have an rowal of the partriage of substitute to the partriage of substitute to the factor of the partriage of substitute to the factor of the partriage of the partrial of the factor of

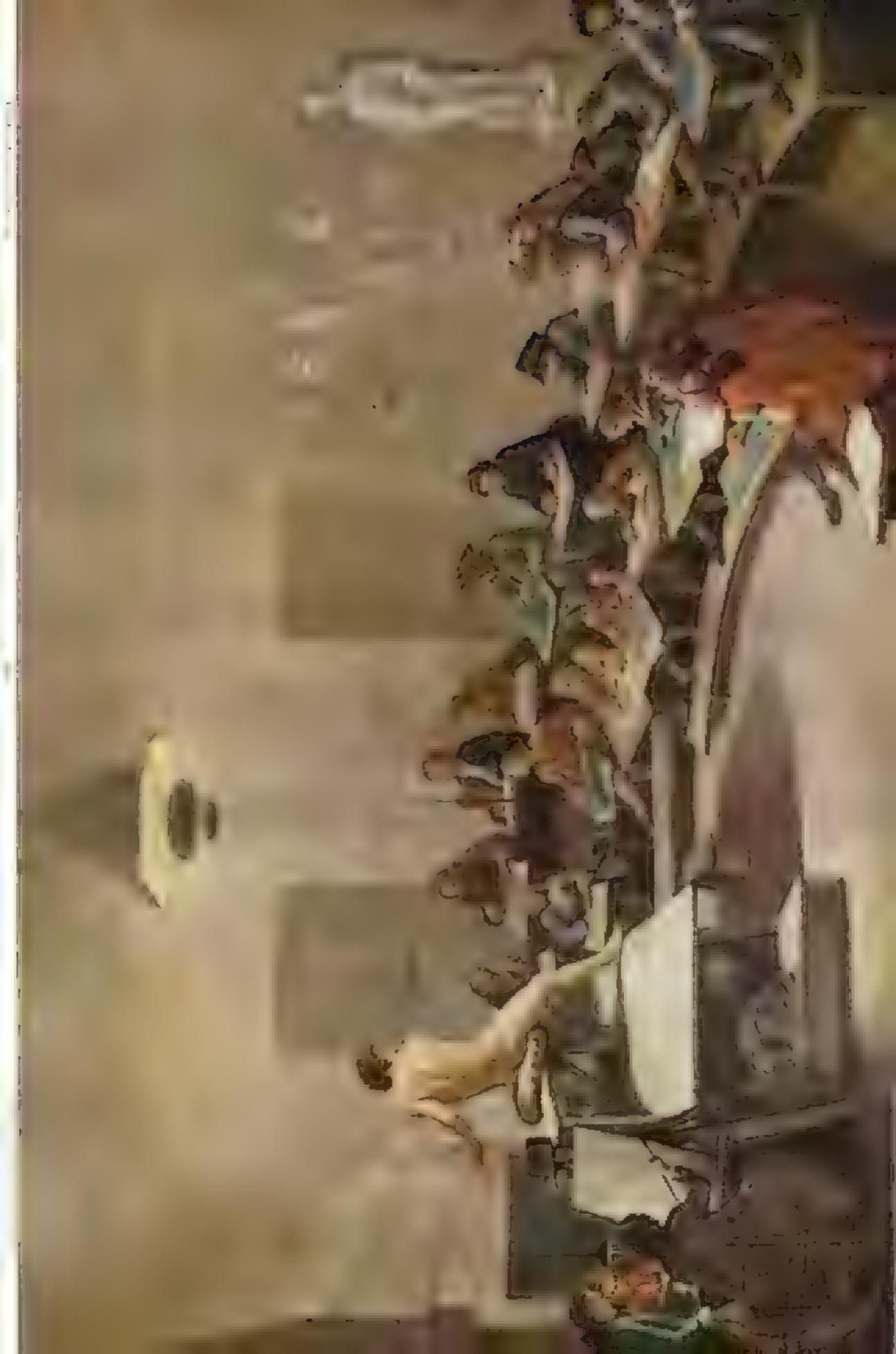
destinctly in the ready to chipe.

The North Production of the village of Paddington, Before his death four years later, Sir James was recomfled in the young couple, who has established the meetings in Leisebert Fields, then the art site center of Loudon.

and safe center of Lendon

Jane, patient, therefore is and unsertable was well saited to be the with a satisfactor of the same in the saited to be the same in the saited to be the same in the saited the of 35 years together, a devoted couple.

wand the half teng locale. He was found spend best on the last, in his can't be not be



### John Wesley (1703 91)

TOLIN WESLEY and his trother (Barbes Jahn was the 18th child As he sate mitted a the entry of a mitted approach of on keep all string Weev and he wile Seems and then a plant begly a ermotor and offer existing the te K. M. d. Wessermen of Mildelin

Though he never Iroke with the Church of Fire and, the paner of the Revival, worting more than 6,000 hymns, many of which are Lover of My Sout," Mark, the Herald Angels Sing, and "Love Divine, All Love Excelling" Wesey was the real organizer of the new sect. Charles was the part

"The spiritual advertions" which resulted in the establishment of Stethesdays, it is with John, however, that he rise

associated, for he was its mainspring and heart.

to the paper. The young men were n'ekamed "Khich othe" or "The Haly Club," or the "New School of Medianisch" 'Khich othe" or "The In 1735 Library Land of Medianisch Indient popul The amelia and controls in the little of the last the strength of the strength Off Poster's High and all weeks resulting hence Methodiam. The requirements of membership were praver, much 1 1

and squabiling consider. John had an imbat meate bose adjair and re-tiring to England in 1738. On his key forms he wrote, "I went to Arrest to the bose of a first of the control of the bose of the wilds to the control of the bose of the bose of the bose of the control of the In 1735 John and Chailes Westey were taken in America by Goureal

May 24, 1738, asserts. It is every an exaggeration to say that the viene which tons forms an epoch The fest conversion of John Wesley book place on place at that burnfile meeting in Aldersalty Street In the following the in English hisbary." Illes in III

this event came not only the establishment of Methodism is the Prior to that absurbt as event Wester felt that he had been outer half die fillt fill Britain and America, but, thanks to his ministry and example, the THE THE

Charch of Ungland, spiritually there at a low side, was recivilized, and there emerged a wave of alealism the plicets of which are still felt

began his ministry in 1739, at il stands in Bristof. Providentially it recaped the deventation caused ad armind it by Nazi bomins, in the

mostly on borseback, weiting admiss every vellage and horder factor for a line of the anti-col a min of a second of the colors of the weither the anti-tion of the second of the colors of the color little courtyard is the statter of John Wesley on horselast.
The rate of the statter of John Wesley on horselast.

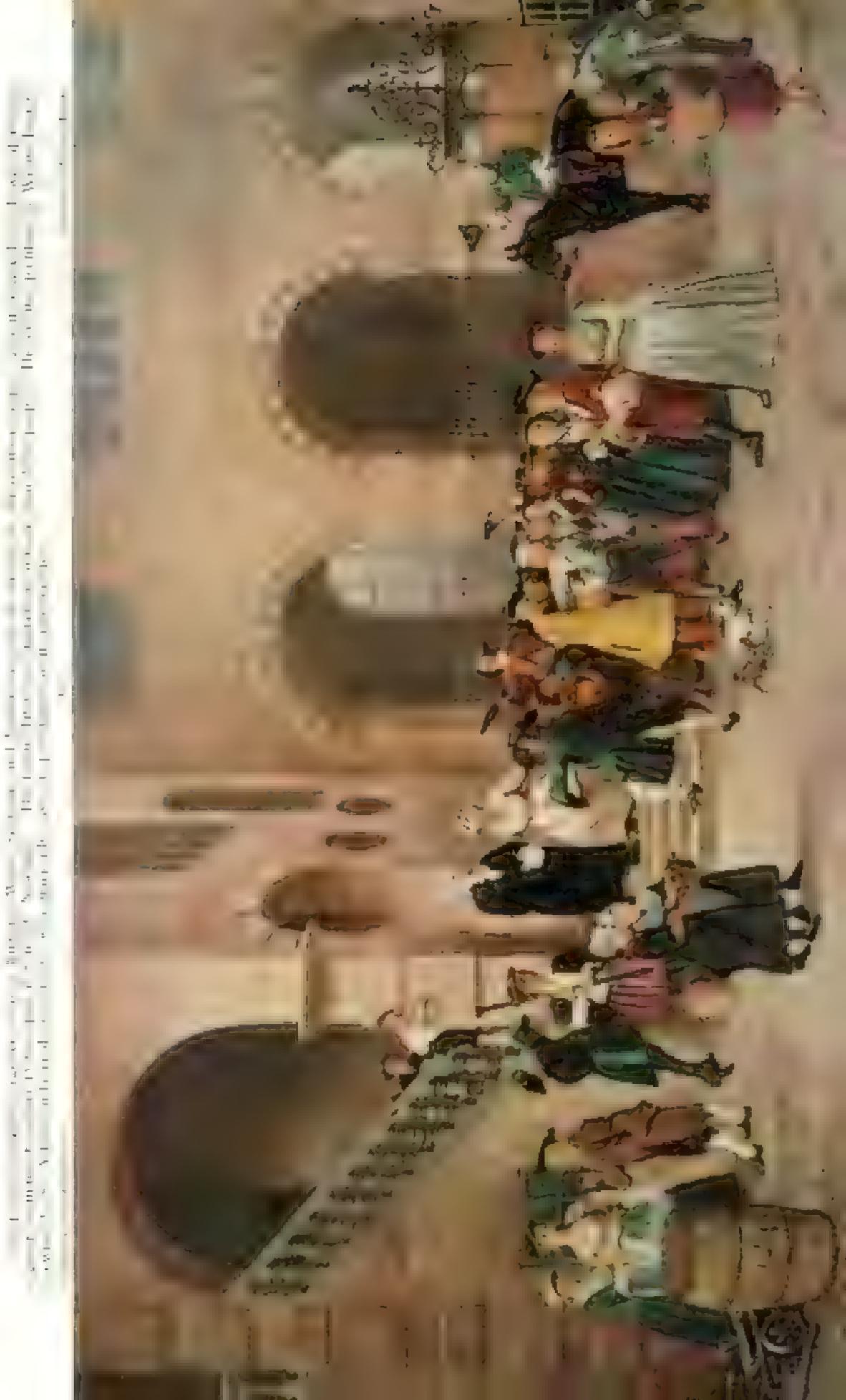
had its doay, and the did most of the day from 4 a.m. till late at right that its doay, and the did most of the realing as he went from place to the in the late of the rest in his as the rest in the second to the interest in the second to the second to the strain for 40 years permane a lart and he sometived," with story the strain for 40 years permane a large in the species of the strain in the species of the species of the strain in the species of the species of

on a confine of a contract of the beautiful to the contract of the beautiful presenting at Kilchrist or go farze a congregation that he was Hiltory and the object the color of the colo obliger. It pe not of doors despite the rain.

the last serroing he ever delivered was in the disting recta of a triend at The state of the purity Washington

it was in Wireby's that. From the charthyard I taked two years ago across wavers helds of ripering grain, golden in the supplies, are Leatherbead, on February 33, 1791, within tending of his death.

For More John was five years old, the house lumind cown and the follows religious leading a insculous except, which he always speke of as religious leader had a nineculous except, which he always speke of as at act of Highe Providence. The chareh, reached by a long flapper pathway grandled by a long flapper



La Mandi De Mariadis, Pres We ley Free and Mine of bla Sermons on the Surveyor



### James Warr of 7.36 [8] 9.

As a BOY in the fishing town of Greenwith, Scotland, James Willia, who was destined to give in the world the numeric steam epgine, and the sample of the numerical steam of the content of the condities the condities

Sur first Mathematic to bear and dealer as marine stokes, Watt had to the first in the last of took, He last and so side in the first of took, He last and so side in the first of the firs

Mant's father had plantach to send here the district of hear than a property for a prince of the father of the fat

After learning the trade, be obtained an appointment as multicularle of the continual of th

After seven years of bard application Watt was relead by the author
of the liver seven in a second by the control of the relationship of the relation of the more seven in the liver seven with the relation of the relation. His greatest invention was therefore hased up the broad of the relation to the relation of the relation to the practically when the relation to the practically when the relationship is the relation to the practically when the relationship is the relation to the relationship.

Noted at a part invent the strant cup ne—the use of strant to so work dates from the experiments of There (Hereis) of Alexandria in the secund reptury to the part he improved it. Hapwing on the discoveries of the presence, he developed them and made the engine quick-

not until 1783 was at made to turn a which, in 1782 Watt solved the protection of all the lines of the contract of one of an indication.

Less to the content of the part of the mile of the state of the state of the confident form of the state of the earliest formatives. Stephenson and his son lived to again to me of the carbot formatives. Stephenson and his son lived to again to me of the carbot formatives.

the first season and the Green of Glasgow, the idea occurred to me that, as steam is an elastic vapor, it would expand and rush into me that, as steam is an elastic vapor, it would expand and rush into the steam in the separate candenser would take care of the exhaust, and the steam jacket keep the cyling per hor. I meaned back to the university and the interest of the transfer to the university and the interest of the cylinder, and are the first of the stage particle.

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We then the properties of the New Country, which is the medical pears workshop of the balloce passed at Heachbeld, within 20 minutes walk of the bolio beamdry, where he and his efficient business partner.

Matthew Borlian, had mark their fortune. In the background there

plenge, as refuge, his workshop in the purret, with his beach,

his foot lathir, and the Stone in which he could nucl metals.
Where Hesthir by was pulled chown in 1927, his workshop, fuel as he left it, with july minimisted, was presented to the minimisted presessions of the Science Marketin and the presented presessions of the Science Marketin and the presented to the presented the presented the science of the presented to the science of the presented to the pr

Con winted by Miran Son E. A. of the Evil in providing will a



### James Wolfe (1727–59)

O see I by the R to the end lames Wolfe took Queber from the French General Montealm and by his victory instance the suppremacy of the English-speaking tace in North America. Both Wolfe and Montetilm lest their lives in that buttle, which some historians call the most important ever fought on American soil.

storn in 1727 in the vallage of Westerham. Kent, Wolfe became a soldler before he was Inarteen; his commission as second lieuterant n his father's old regiment, the Marines, was signed by George 11 in 1741. Solutering was in his blood. At the age of 16 he fought at Deltiegen, where his horse was shot under from and, as he tells as, he had "to do the duty: of an adjutant all that and the next day, on

foot in a pair of heavy beats,"

Walfe, who was tall and slight and had red dish bair, admitted that he was "n whim- a sort of person," As a commanding officer be was just, although a believer in d - n His nature was a mixture of method and dash All through his short career he was an opniverous reader of military history. He saccessfully developed a form of guerrith warfare in the capture of Louisburg and smilingly explained his tacties by saying he had learned the tactors from the reading of Menophon.

Once when the Dake of Newcastle ran to tell George II that Wolfe was mad, the king, endowed with shrewdness in addition to a sense of happy, remarked, "Mad is he? Then I hope

he will bute some of my generals,"

On Wolfe's return to England after the supture of Louisburg, 15tt offered him the commany, with the rank of major general, if the expedition to be sent up the St. Lawrence, and he selected Guy Carleton and Issue Barré as his chief staff officers. Harré at the time of the American Revolution, 20 years later, championed the cause of the Colombes in Par-HE COLUMN

Weste sailed from Spithran on February 14, 1759, to achieve a feat that would change the destinies of a homisphere. Three armies were to converge on eastern Canada, and Wolfe's part was to capture Queliec, a pracneally impregnatile fortress, thanks to its 16 wering position on the St. Lawrence. Not unly natural difficulties of great magnitude confronted him; but, like Napoleon in Russia. he was lighting with "General Winter" for the St. Lawrence becomes icebound early.

Time was the dominating factor. The weeks passed: Welfe made two attempts, but they ended in failure. He fell ill and was despondent. As late as August 19 the omens were unlayorable, and news of his illness spread

dismay among his men. There were even

rum as that he was dying

"I know perfectly well you cannot core novcomplaint," he said to his surgeon, "but patch me up so that I may be able to do my duty. for the next few days,"

On August 31 he wrote to his mother: "My entagonist has wisely shut himself up in in accessible entrenchments so that I can't get at him without spliting a torrent of blood, and

that perhaps to little purpose."

On September 9 he wrote in a dispatch to the Government in England: "My constitution is entirely ruined, with not the consolation of having dupe any considerable service to the State, or without any prospect of it."

No wonder that the disputch cast gloom over Whitehall. The Duke of Newcastle wrote, "Mr. Pirt, with reason, gives it all over.

and declares so publicly."

Without a whiting in anyone, however, Wolfe had conceived a plan. He had been examining with a telescope the plateau behind the city of Quebec, upstream, and espied a narrow path by which men could climb up the ells from the river bank

Never suspecting that an attack from this quarter was fepsiale, Monteglim had stationed only a hundred men at the post there; yet the enterprise could hardly have been more risky. Wolfe had written to a colleague two weeks before: "My it! health binders me from executing my own plan; it is of too desperate a rature to under others to execute.

On September 12 he wrote to his troops. "The offices and mea will remember what their country expects from them"-a forerunner of Nelson's Trafalgar message.

In the dead of night, Wolfe led his men stearthily up the path from L'Anse au Foulon, and by zero hour on September 13 they were drawn up on the Heights of Angaham, a force of 4,500, ready to give battle. The victory was complete, but both Wolfe and At intralic were mortally wounded.

Wounded three times -the final bullet pierced his breast-Wolfe was belped to the rear by some grenadiers. An officer, standing by his dying leader, excludered, "They run! I

protest, they aun!"

Wolfe taurmured, "Who run?"

"The enemy, S.r.," was the reply. "Eg.ul, they give way everywhere!"

furning on his side, Wolfe exclaimed,

"Now, God be proceed. I die happy!"

Ambrew Wyrth, son of the famous illustrator N. C. Wyeth, painted especially for our use his striking portrait conception of Wolfe on the Heights of Apraham above Quebec,



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### Sie William Blackwere Cultur Indiale Low

### William Blackstone (1723-80)

That IAM BLACKSTONE'S greatest contribution to the English-speaking proples is his codification of English law. which at the time he began his work he found Ta buge irregular pile, with many noble apartments though awkwardly put together." In 1704 he began to deliver the series of lectures responsible for his success, and from them ultipately emerged his Commentaries, and jubionly one of the must inducated backs in the English language,

Blackstone's influence has been greater in the United States than in England, because the book appeared at a psychological moment n Aruse can history. Abraham Lincola read he fe us volumes in 1835 and said: "The more I read, the more intensely interested I became: never in my whole life was my mind so thoroughly absorbed. I read until I devoured hean."

Slackstone was born in Cheapsile, London His Wiltshire-born grandfather, an apothecary n Newgate Street, married the daughter of a Waltshire squire. Blackstone's mother nied when he was twelve, and at an ourly age be was sent to Charterhouse, and subsequently to Oxford University. When he was Iwenty, he was elected a fellow of All Souls—"The College of AN Frithful Departed Souls," a unique foundation established in the reign of Henry V to pray for the souls of those who fel in the wars of Henry and his son against brance,

A Jellow Middle Templar, Charles Viner, had endowed a professorship of the laws of England at Oxford, Blackstone's chance came when he was appointed to the Vinction prodessorship. In his first lecture he declared that the Englishman "better be a stranger to the Roman than to the English Institutions, that the laws of England should be taught to all Englishmen and not nerely to law stae gell . "

fill ckstone's lecture attracted imme inteand wide attention. To the future George 111. then Prince of Wales, they were read by I is mentor Lord little. They soon became well known in the American Calonies and were ments ned in correspondence between John Adoms and Jonathan Sewall.

Jm 1761 Blackstone married sarry I bibegrow, "with whene of place their name. teen years in the enjoyment of the puresd mestle and conjugal teletity,"

After his narriage he purchased Priory Park in the pleasant lattly town of Wallingford on the Thomas, of which he had been recorder since 17-9. His family was reased there. Sir Washiam does not quite fit into the setting of an 18th-century squire, for he disliked any form of outdoor exercise and devoted most of his time to reading. Small wonder that he suffered from gout,

Blackstone's interest in prison reform is, naturally, not so well known as his authorship. of the Commentaries. His experience of the law aroused in him a passionate desire to intprove the conditions of English prison life Unlike the amjority in his day, when there were 200 capital offenses, he did not regard severity of punishment as a deterrent of crime. When John Howard published his iamons repart on prison reform, Bluckstone Strongly surported him.

The fourth and final volume of the Commentaries, which appressed in 1769, met with the approval of George III because Blackstone exalted the royal prompative and "heat that the American plantations were subject to the

central of Parliament."

blackstone has been accused by some critics. of being ultraconservative in outlook. He was rather a firm veliever in the British Constitution and "an advocate of moderate reform

based on expensence."

"The indictment of George III in the Declaration of Independence is well suppured," writes the American blogripher, David A. Lockmiller, "Ly Blackstone's description of the tights of Englishmen, and it was for these rights . . . that the patricts write confending . . . Regardless of his persomel sentiments, he had acquainted the Americans of their rights as Englishmen, and the patriot leaders, apparently forgetting or ignoring other parts of the Commentaries, asserted these rights against George III, and his familiang Ministers . . . Although the Revolute pary War freed the United States from British control, the law of England remained to protect and to serve the people of the new country."

In 1924, when the American Har Association presented to the British bar a statue of Blackstone, George W. Wickersham, chairman of the English-Speaking Union of the United States, made a speech which has special meaning for us today. After referring to the reverence of the Luglish-speaking peoples ' in a therty regulated by law," he concluded 'Let it' [the statue] "stand here! [in the Law Courts in Lundon | "as a symbol of that law and justice thou which rests the the restaurable to the first of the here as the symbol of the uses which unite the peoples of our respective countries in cevotion to the common ideals of free men-

of langlish speech."



### (1728-79) James Cook

Cank who first surveyed its ferrife eastern coasts and found that it Thereis the and the second of the second o Amstral TABLE COMME was the real discoverer of

MAN TO THE TOTAL OF MARCHINE

He was the first in history to trues the Antarctic Circle and to disprove the existence of a continent which up to bis time in dishern supfor principal into the southern keefields he did but find the real Antorette to their visit and the real Antorette to time the changed the map of the stathern Eadin thean which is in ass tentary.

In 1778 he redusers ent the Hiwaiian Islands, which has been found TAILLY OF THE The sadied north along the coast of North America as far as Bering Strait in search of a "porthdestruction but time to a ment of the sail - no et se and bet se no attende to results ser a l Earl of Sandairb. First Level of the Admiralty.

was both in 1728 in a little twentiate criticae at Markon in Creehand. Northern the removed in a most one in a Markon in Waltern The son of a farm laborer, who subsequently became a bailiff, Coak Judy fixing in the viluge.

a balf he was apprentized to a Whitter ship owner who exported roal to the Martic. He revailand in this employment for nine years. When the way it by it will be the block of the bolt and the best of the 1 1/11/2 Alpressed necessarily admitted a helmer teal

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the attention of the Adminity

H M L M L M and of the appropriates to the mighty St. Laurence River and still be Epinest for the r 3 arms Highly and The strain

the great obtaine of his life, his appointment by the Admiralty, at the As a result of closervarians timb made of a solur college at one of the Busger Islands, he achirred force as an astrophytical obtained instance of the Ruyal Saniety, as leader of the expedition to prosecute

restanties in the South Pacific and to make abservations of the trans : this weered in 152-25, his liked in 1776.

Cone has many classes to fines, but surely none greater than his

victory over activy, which before his time was regarded as even a second control of disperseck. We now know that the course of the mathety is the definishing of vitamin (" in final, but two contories ago, knowledge about

An in military and the former of the ments adout When he set out on his vegage in the South Paritie, he denominated his affection superkrint, which he knew to be very efficient or The rations of soft aveil, cheese, but, such were gradually reduced, and drivel fruit was substituted. He was a firm between in the phythial use of appins, aranges, and lemons, and at every part of call lair in large supplies. out the problem of providing a balanced diet for his crew. He practiced what he presched; when his sailors were at first saspickas of his newfang ed methods, he and his chieers were served at every med with

the experimental with such preparations as internal, do of entrate" and salted cald ago, and after long periods at sea mode the crew drink When Cook acrived at Butter of the hard made bushing, but not a noted or of his treets was suffer ng from scareys. When he prached England, after a vegate of n is the internal and offer service may be negligible quantity of the property of the property and the property of t

out the manufactuality of the sample of the last the sample of

is biting that has revisions spould rest in the Territory of Hawail. Our picture of Captain thok was purised in 1902 for the National Cathery in Michaelia by the Australian-barn Engined Phillips Box (1865-1945), and is used by permission of the guilery officials.



of the two, swas an glass ent and quientra hate rere John, much the "ME BROTHERS, William and John Hunter, the great anatomists, William, the feller 1. 411 4 1 W. Fr. P. P. V. V. g an addres The state of the s he would take a drayabl of implantin before beginnin because adding the resent related or ther tork, and I old thed at withhally the same sper.

"In "In 8" > " In 1" केरहीत ता राजीपुर क practice. He was appointed physician extraordinary to Queen Challotte. With Simical Jales SP 10 Pro South Spring at the State and a south of the southern product the fig. beariful A Banda and the state and a southern product for beariful A Banda and the state of the southern product for the southern product of the southern product for the southern product of the begut his farmans Subsequently be paye up sixtured for obstetries and gained in en ord me An enthusingly The vert 1 1 1 Je Luike who was basy incressing the family of George III, ------MICHAEL OF REST TO DESCRIPTION OF STREET had contributed a paper to the Royal Sariety. of the of a the plant of the 1. 4 1 1 vel

In his purports and leatures William gave has recognition to John's ज्येत भेवीस्ति कि the study of the terms of the state of the of his death well

As a yearth, John Hamer loved spart and outdoor life and had unward books on eversion which be never exercance. His biographer says of Sall III. The art are there are a till in white a full

bear hee, where employing born on the swift of arssections. Known but At 67 Le went to stay and with with his brother-in-law, a cabinet-At 20 he treveled to Lemba on barschack and joined his " arrest vir supplies a corresponding in an issentially despised." 18 15 - - --61 II TILLIAM ALT IL B. I. P. I. S.

TOTAL PROPERTY. interviewer who vertiated the opinion that he had described more huntum begins than The state of the s years before Jalon Hunter died, he teld an

I realitized ear haday he wended devicte two or three hance to diverting. The test of the proming was reserved for visiting patients in his consultittl from. In the aftermens he visited his outdoor and hospital tases; El testini a troub wire to be not in the inter-

at 4 he drawd abstetniansly, slept for on hour, and then worked hard tall matriplet. Live hours' sleep sufficed put,

and committation of purpose. The suburing that preceded his Jr., the did not everer him, Souphen Paget tells us, from writing to After a "for emails in statute, 5 feet 2 inches tall, he properties the majorithm of nary statutes sporting the true tother, chamberenes, and any other beast or bird

Mare the note of the state of the state of the sections

Stated Jennys 1975 sente of the feltentis who called him "the dear punt," At 45 Minter purried a paragra, Anny Horme, 29, whose parties becare to the till and a transmission of the till to the small till new the state of the evening to the classing to the transmission and the classification and the transmission and the classification and the estimished everyone by saying. "I knew nething of this kn k-ay, and I are to have been informed of it beforehapel; has not have been beforehapel; has not have now po-

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his with a six har collected permits, not be had spent 670,000 in an heading the contents of his misseum White Liver pol

The wins properties of the resort to administration in a second to single beautiful to the following the print of the prin a harry of being dissected, determined to arrive; "the dact are," The second to be an arrive of the transfer of the second to be a second to the season of the season to be taken water. was servously M. Husser satisfied to obtain so unique a specimen for a serve in the serve of the article of the article of the serve of the article of the serve of the serve

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Physical designs of the country of the property of the physical Our partie of William Brews Marine of Arterior of Section 1986

## Edward Jenner (1749 1523)

TOWARD ENNER comparred smallpox, the searge more decaded I than the Black Physics, the Trathsorne distinct that but killed or penner did meet of his work as a respected and Letuved physician in The same for the arrest of the inthe county where he was been A INTERIOR I DOUBLEST ASSISTANCE

White his schooling was rounthen of the neets of dominer before he was 10 years old, the passed Decembly interested as a how in natural history, he find made a collectpleted, he studied under a surgeon at Surbary, in Gluceestershire. his brist by he has by heart hing for fussing

The young medical student had his greatest strake of good fortune whan the property of the way to be able to be Hugter. With the family of the amous surgeon and anatomist he tesided for two years,

where he studied the behits of unions s and more experiments, was close at hand. There are person pessed as much time as he could spare, In 1771 (apt. James Cook, who and fast returned to a feet hit "auringerit," Minney was strapped at his Country's Hespital, and

Tallital. great yourse of discovere, brought to Hunter for stilly 1200 and 5 and hoper of the capable for - H - C The last of the

was assigned for task of bottlag and armoreing.

and place and the state of the State of the tast and jumped at such an opening, but Jeaner refused the offer electing to remain in Caloucesterable as a practions physician. He disussed the tria tri As a result of the a retarg with ( who, Jenner was offered the post of the second second season with the flower of prevention of searing,

In the epities of his on leagues of the beat scientific surjety, Jenner a south tell resolution of a tell and the step lead to be a south भारता महता महीर मणीर्धात कर्माना कर्म Granting to the tent of the tent of the

for I have had cowyour "This chance retainly had made an hair or take that disease, PEW 9 A mulkarand who had come to consult him when migression on the yearne num.

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particulation of the median were were reported in the first centitity before he was ready to put his threshis to the test, The "gave" The results of the state of the emplying. Method in his way, he worked for nearly a quarter of a

On May 14, 795, a date famous in the history of medicine, Junior States for 14, 795, a date famous in the history of medicine, Junior States from the vestiles of compact from the hand of the pulkmaid Sagat Acon Tar sukma has been infected and at the terrans.

As expected, the lary had compact and hardly recovered on I be a when least installated him from a case of smallpox.

the first of the strip of the second test of the last of the forestrongly which is a second property of the string powers, which as a verificity of the product, provided provedient, if whall they pursue my experiments with redomined ander"

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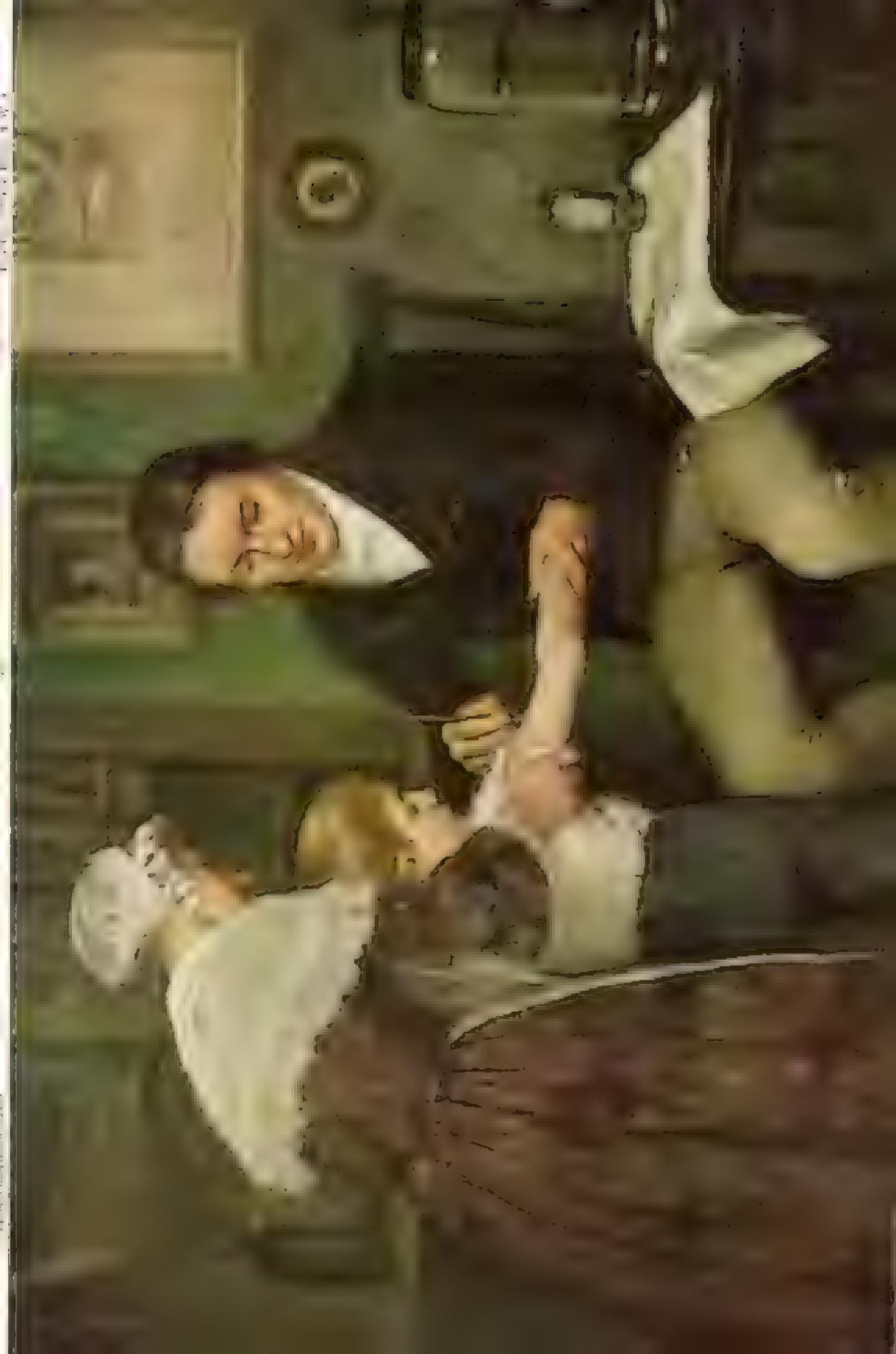
to his fellow citizens. In the course of July and Ligary, he and his sometimelity vaccinated in their own fability and in those of their A RECORD OF THE A STATE OF THE A to his fellow citizens.

Jennet was granted a diplome of membership by the American Acts and Sciences signed by plin Adams, and he also a road. The conf. The conf. He also

An Incirn chaf, by name Little Turke, and nine or ten of his

Keyener of a start on that the U. Secretary of the location of the form a species of the location of knew that his absence had saved the flore of this ms.

I mad Bran a motion of December a contract Lings of the contract of the bank of Secure. London. It is published by permission of the present putherhier.



### Nelson (1758–1805)

if the Channel for six hanrs and we are musters of the world." I WOLEON at the height of his power said, "Let us be masters He mucht have a breved his an biti in to control the English Channel had it and been for floratio Nelson, the here of Training, who proved be the war of that he damper the the ways.

ing British trade nasing privateors during the American Resolution. Two years later he went as captain's choswa'n obla north pater expedition. Ithe down, but he was such buck to duty off the coast of Hundynas, protect-Herrando Netwes, been in 1758 at Burnham Thereps, where his fother Tribate and was rector, entered the British Navy at the uge of twelve, mex formal services was a the limited for the limit

After the outbreak of the war with France he fraght in the Medulestarrean, besing the sight of his right eye in the Cursican camy aign. II. of the result has the late of Care of American 597 have

In the year he but his arm at Santa Cross de Tener for The Battle of the Nite in 1508 upont Bonaparte

from the littleh. Notes to write to comment out with his line of the second On August I Newson sighted his quarry in Alig Qir Bay. Lu, h was on 's general attempt his side, for he arrived thusquainly when the creas of the Frend The Table of the Party for it ship at single peak it is swing there was frame for him to attack COLUMN OF WAY to seize Laypt as a first step toward wresting India the went of the working

british ships went in hetween the French fleet and the shire, and in less than four hours Nelson had achieved complete victory. All the French warships save two frigates were put out of action or captured. All When the spir with mere seeming the line la

Napoli Chen with Hill Ind

At Naples Nelson was prested with delitions joy as "nostro libe-Mer 121, 10, 19 On expering the conquering turns, exclaimed, "Oh. Ga., le it possible?" and familied on Nelson's arta I to a few direction with a bestpartied her bushand to the ship.

ter later at at In party of way Nel arrest to adnu there to vight."

from right. Nelson duliked in Skilly with his brancorate and in 1800. Rither and I combined by William Milliam State State Ar all last alled to the Arm are the Proposed in

marks of disapproval when he reached Lundan. The Nelsons were the said the first of the first first of the said to t wanter hat he say of method win will eliting to deer मीच्य सान्तार हुए नुकृष्टि

SSE Norman was too the the toler farily be as full it when a relating result for the formular less and all tenders his purpose, he must deal first with England, "Prificen mill ma," he Not till Hitler's mastery of Furape in 1940 did the threat of incaston commenter that he has negles set by the first of the history said, "most give way to forty millions," But Negation, like Hitle.

thise in nearly two years. Three wresh leave with Empan of Merton in Surrey emily when the news reached him that the France-Spanish it cheef was at Chriz. He rejulued the Protest at Partenanth and was underestimated the staying power of his adversary.

Note the horized at Gibraltar on July 19, 1805, he went asimir for the first hank with the Enitish fleet by September 29,

The first of jet the way to entire the enemy out of port—an objective Napoleon had already accomplished for him by endering Minded Ville-Maked than to the render officers. He out which was to sail in two neave to sail out. As before the Battle of the Nile, Nels a carefully exat the following the stock transmitted to the sale practice of tear of the enemy.

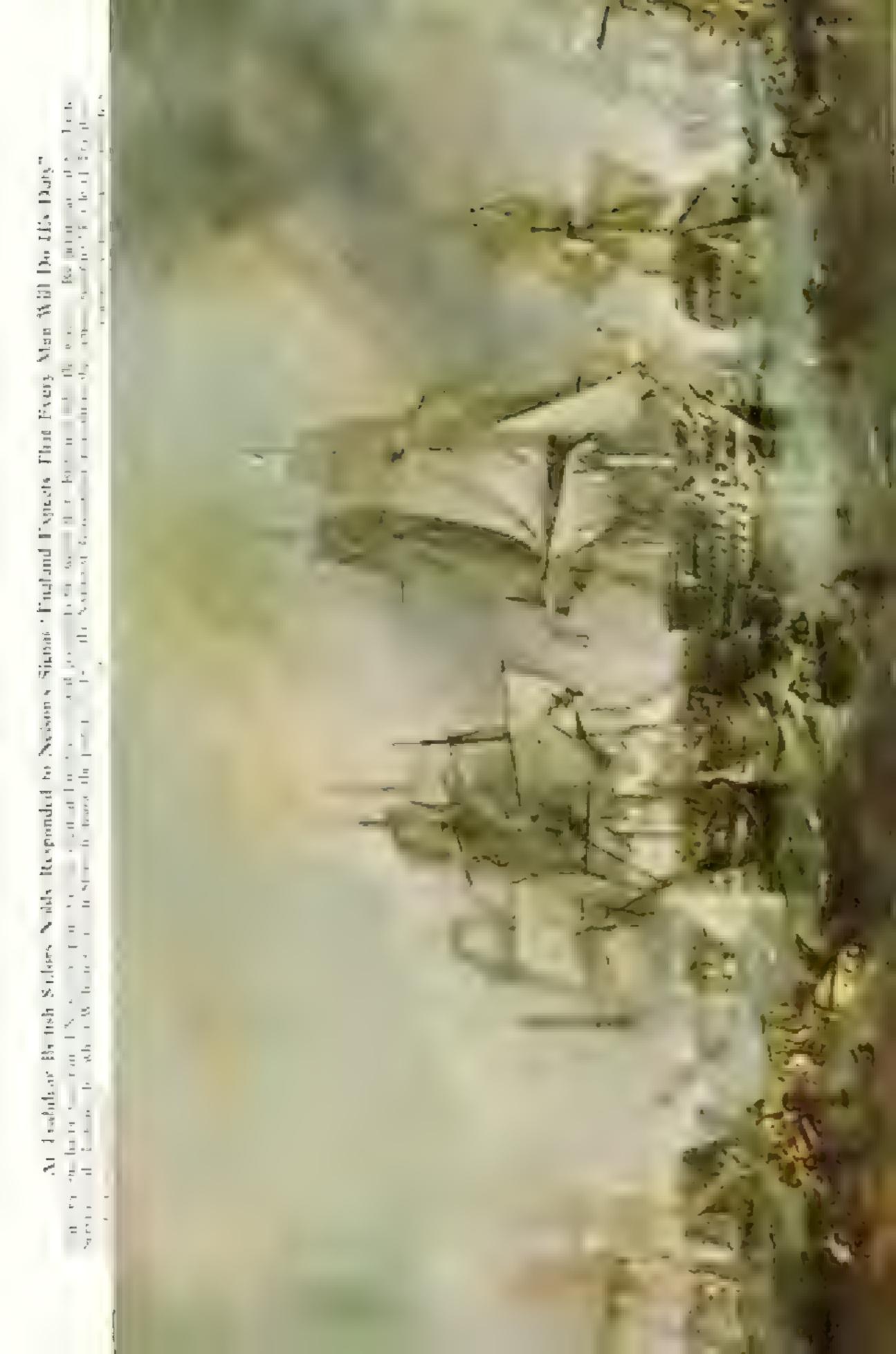
happed feating the northern colorests by eleven he returned to his color and write a color of the will a related to the At district, on this her 21 the signal for much was given, Nelson tenda ten Berger 1 4 to 1 to 1 to 1 king and matter

A Little bastate milding to baisted the signal "England expects that every men will do his duty." The factory broke into the enemy's refer to the country of the country of

Parentaues, and properties bereible broadside.
When a the error art with tarte of the best beam or and the wounded,

ounselved, As he feld, he said, "They we do no for the at Live, Hardy," Notes of finght off dough for three hours. When Hardy honeight him rews that fourteen of fifteen ships had surrendered, he remurked. I the wind the Committee Spectic

His bast words were, "I have done my duty, thank God for that."



## Some British Poets 1716 1936)

CLANTS among the early trigital prints were Chancer, with the little to that I do not be that I do not be that I do not be the little to the little little little to the little l

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Card Money Piron on the Core to the bird bearing some set of Money and the print of Cardon was well should print better Bymn gave and file, as he had been to the bird by the core to the set of the second second second by the bird of the second sec

Creece, he was stricken and died on April 19, 1824, tge 36,

Million to Kerry of the attention leading the ansign for the state of the was almost external mass. Shalloy lived this he was 30, Kears the he was also Kears the he was 25, Kears the hearth was a factor of hearth for Linear Land and the hearth was an and the land. I have a factor of hearth for for forever, Among his hearth was positive as 7%. We have an positive as a factor of hearth was a factor of hearth was

lyrics, such as the Ofe to the West Wind

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this abeth Barrett Sprwning proffshed ber first prems at the age of 17.
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This led from to write to been in January, (843, 11 to 500) for the leavest of the same time in the System of 12 date of the been formally and the same time to be of the same of the same time to be of the same of the same

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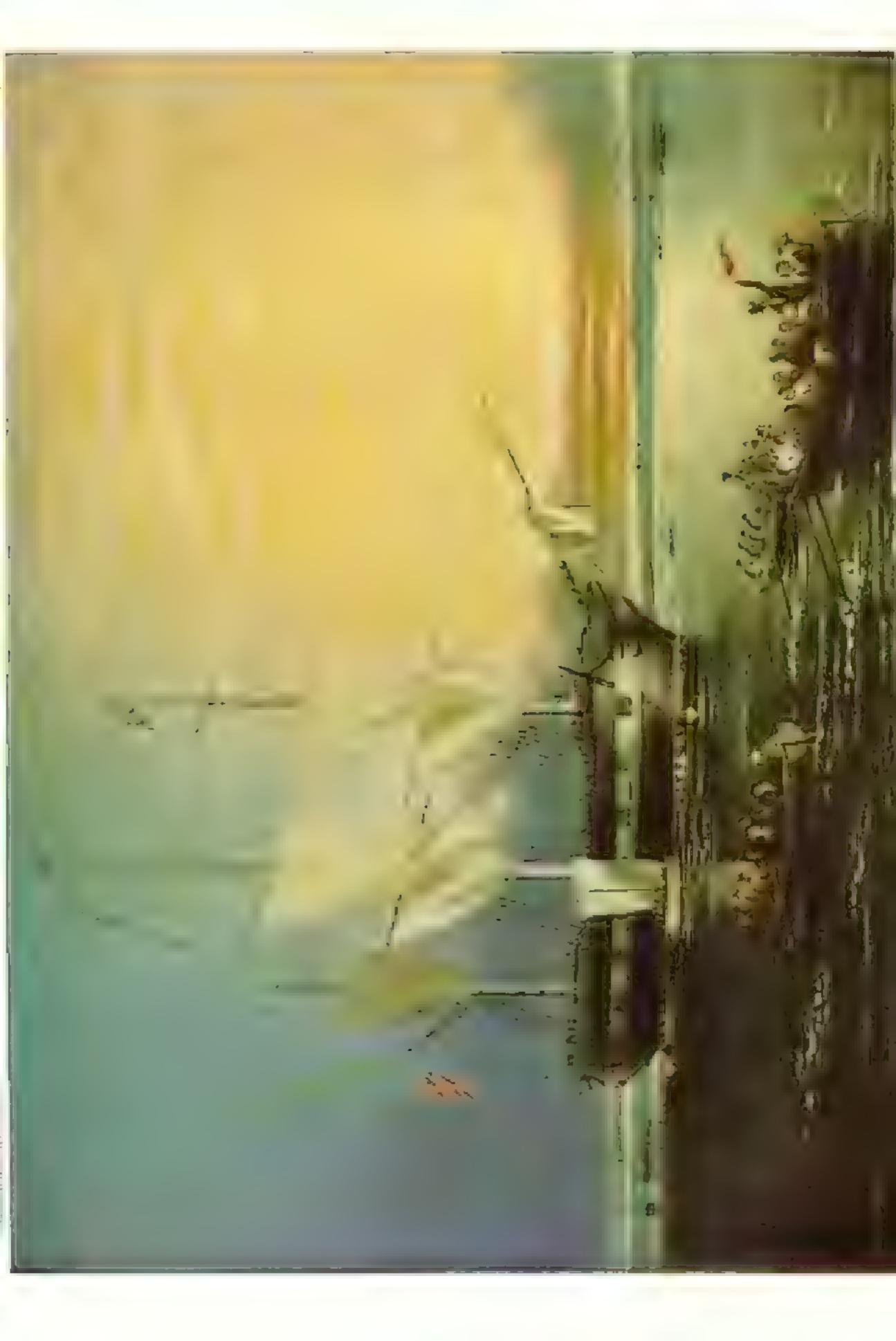
Yours of his marriage and of his appointment to the Pert Lagrenteship in states with 1911 and 1911 and

whitely read of English poets.

Dante Cabriel Rossetti's best-known poem is The Blessed Dargest.

Rudyard Liplax a greatest period of output was between the ages of 20 and 30 when he pendaced his Departmental Datest and Surrack Know bulleds, and, in prose, the two famile Roots and other stories.

Record Bulleds, and, in prose, the two freque Reach and other storiess branch Bulleds and other storiess branch Branch Brever Davis, Jr., owner of the painting community of the last of the Salamal Last Contract to the This historic picture parameter picture.



## Queen Victoria (1819-1901)

AS A TOUNG MAN, I wanched Queen Variotie's functed from the ment of St. Parian's Palace. That givening whiter day scenard to was been Willelin ! were book, 100 s or our day of helenme the end of the world in which I had lived. Among the objet mourners

many, descent to play the chief rule on the hugapean state.
While Mictoria lived, all was well, for her descendants were to be the marketine Kini far entitude and plantine Kini the found at excry count in Europe. She could summen her grandson, Taur of All the history, what luof her gran-blunghters was married to Nichtellas II And now, after the longest reign in Whiteh 大はながはな

was been at Kensington Palace on May 24, 1819, When die was tures Victoria, only cheld of the Duke of Kent, Sounds son of George III, of both chillren. and in Saxe-Collecte the parmer of the two were always linker contabs old, her consin Absert was both at Kosasan, near Colorig. same productly appearing the party into the world

At 2:12 a. m. Jane 20, 1837, W. Dann W. died of Window Castle - The Archbishop of Can erhery, who had perturbed the last religious rites, the att of the att and the stronger of the late to the distribute. grand - Kildangto Pia. - de Sar

ness of state to the Queen, and even her sleep must give way to that." A mission of the opposite the contraction which a graves, her feet in safepores, her nighteds therewas aff, and her bair falling down her back. There were trans in her eves, but she was cool and naviate in littlem Captar direction We need in a she was end and James and American

The Queen, who was less than five fest at neight, was graceful and had a dignity Short nick At 14 the Privy Council met at Kensington Palace. I described the bear of Welliam filled her chair, the filled the room." 1 ] ]0.1 5.50

had seen by the boltom of vegant to Arthrop's marriage a probable of the boltomer, At he supply to his property of May to Mindson to October, 1839, and he wrote epenly to his piece, 'May a visat of the Duke of Saxe-Colump and his two sees to England in 18 to. who had aimanged The Queen's unrice King Leopald of the Religious, 

Albert the able to strew roses without thoms on the pathway of life of our good Whiteia! He is well qualified to do so,

Everytaing went according to plan. Victoria wente to her uncle, " them and a land on the tent of the property of the tent of the contract of t

office for a pri a mile man and a mile man

Westring on her hosom. Aftert slit with a penknife the breast of his the second of the second of the second of the second

The following day Queen Metaria formally proposed interiors, Err Weraty years the Queen Metary and as years passed takely found, She shared many tastes with Albert and as years passed telled more and more on his full pasent. On May 1, 1851, she presided twen the operator of an exhibition in the newly createst Crystal Palace. in Hyde Path, an unchricking steemed to success by her bushand. It was a great peace festival to under the industry of all nations

For the total three of the feather than the control of the sixty for the transition of the formal transition of the formal transition of the formal transition of the first formal transition of the formal f

wittens of her life was the sudden death of the Prince Consort on December 14, 1864. She carefed in the death of vests of witnessed in 1900 vests in 1900 vests of witnessed in 1900 vests i

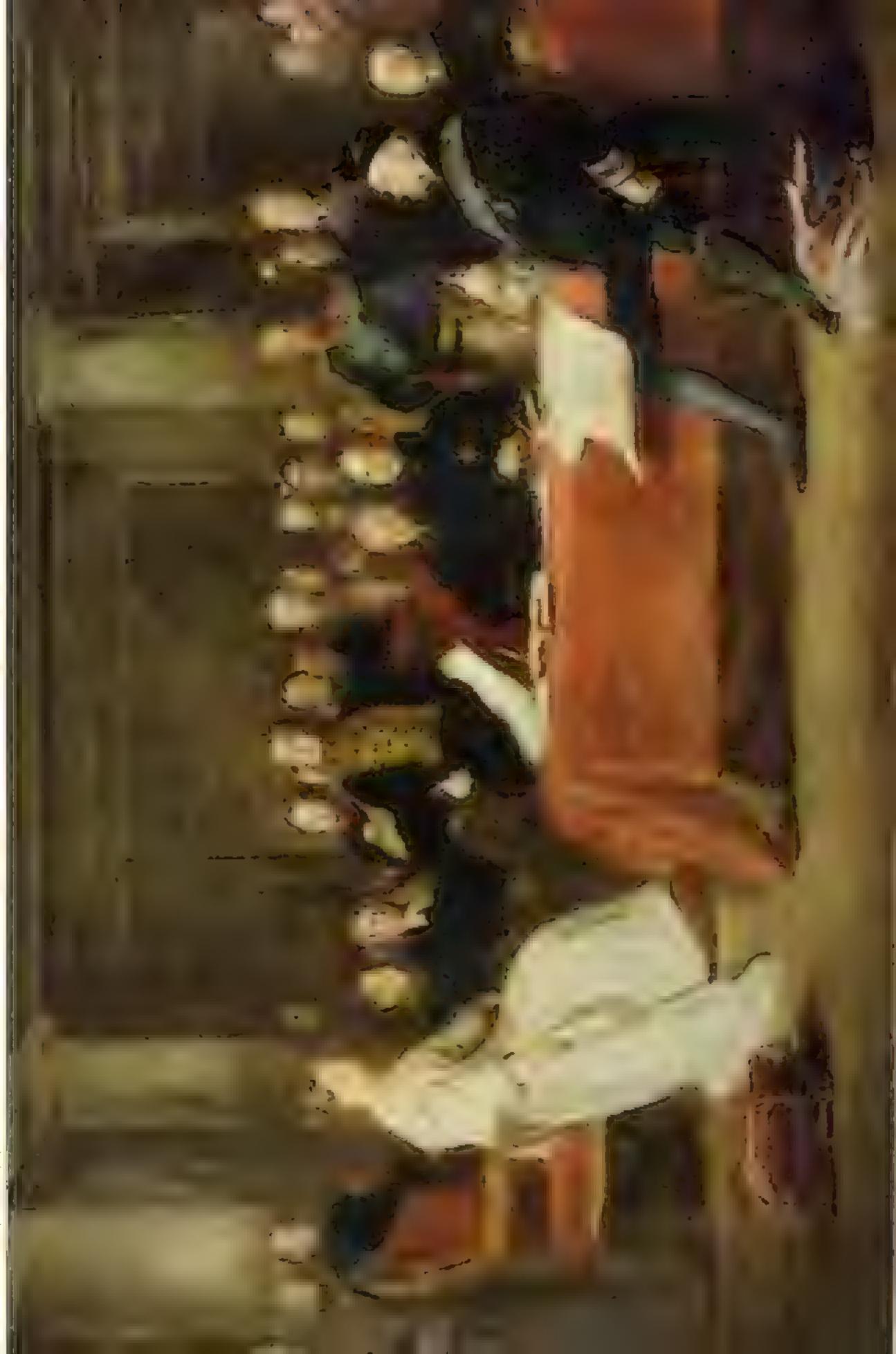
Federal thest had made no unfortunate error which could easily be repaired by the restoration of the passengers and a suitable apolicy.

If he is the list of the value of the passengers and a suitable apolicy.

The works of Virtuina was a suitle world. At its heart was a Queen who was the charing influence of her time through her fiving terms the object in a same that an exerceding object of the drafted a disputab which would certainly have led to war.

early no militable of above and law devices in his

Sir David Wilkie's painting of the young Queen presiding at her first Council to 'Reproduced by gradien, such and this Majesty the King



### Michael Faraday (1791-1867)

FIGHTY" is a title that may be properly conferred upon Michael Faraday. In 1831 be gave to the world the epoch-making discovery that an electric current can induce another current in a different circuit

Every electric motor and dynamic in use today operates upon this principle, electromagnetism. When a bar magnet is moved near or through the center of a soil of wire, a current flows through the wire, although the wire and magnet are not connected. When the magnet is moved back and forth, the current in the wire changes its direction of dow accordingly. Likewise, if a coil of wire through which a current is thowing is moved in the vicinity of another coil, a current will flow moment only farough the security only

Famility was born at Newit gion Butts now a part of Lendon, the son of a blacksmith. He unce said, "I have a smith's shop and everything related to smithery. My lather

was a south"

Young Faraday was apprenticed to Rieban, a news agent and bookkarder for whom he at first delivered papers. A customer, a Mr. Dance, enabled the boy to hear a lecture by Sir Humphry Davy at the Royal Institution, and Faraday was enthralled. He kept notes of the lectures, which he flastcated and bound and, on his employer's advice, sent to Davy.

In afterlife faturity wrote: "When I was a bookseller's apprentiale, I was very fond of experiment, and very averse to trade . . . My desire to escape from trade . . . induced me at last to take the hold and simple step of

writing to Sir Humphry Davy,"

On December 24, 1812, a knock on the door announced Davy's conchrons with a note asking Faraday to ead at the Royal Institution the next day and he was hired by Davy at a weekly wage of 25 shillings.

secretary-assistant on a European tout, during which he consorted with the leading scientists of the day. This tour, priceless to Faraday, took for him the place of a university training.

handay worked out his problems for the sheer joy of solving them, leaving to others any practical application. Once, after he had given a public demonstration of the induction of electric currents, a lady inquired what useful service could come of it. In reply, the physicist asked, "Can you tell me what is the use of a newborn baby."

It is interesting that the American Joseph Henry, Secretary of the Smahsonian Institution, working independently, had made the same basic discovery as Faraday and perhaps even carrier, though baraday was the first to publish his hadings. Years later, on a visit

to England, Henry's superlative laboratory technique drew from the watching baraday the spontaneous and delighted tribute of a short, "Horrah for the Yankee!"

In proving the definite and measurable chemical action of electricity. Fataday coined a vocabulary, including such words as "electrode," "electrode," "electrode," "anion," "tation," "anone," and "cathorie," which, indepensable today, suggest the vast results of his research

His discovery of benzene in 1625 gave to subsequent organic chemists the first of a

series of coal tar by descarbons

The concept of the "magnetic field," the ines of force surrounding a magnet, also was worked out by Faraday. He studied steel alloys, produced new kinds of spitical glass, and did important work on the liquefaction of gases. Faraday was associated with the Royal Institution for 54 years, becoming director of the laboratory in 1825. He refused a knighthood, preferring to grandin "plain Michael Faraday to the last."

Closely associated with Faraday are the numes of two other British scientists of first rank, Sir Humphry Davy (page 527) and

James Clerk Maxwell,

Davy (1778-1879), as professor of chemistry at the Royal Institution, recognized Faraday's genius and opened the world of science to him. Born at Penzance, Cormail, be first was apprenticed to a surpren-apothecary before becoming interested in chemistry.

He is most noted for his invention of the miner's safety samp, which put an end to the disasta as explosions of firedamp gas set of ity the open flames of in times. He found that a metal setteen with small apertures placed over the flame would prevent explosions from being touched off. Lumps of this type are still in general use in mines to test for the presence of firedamp.

Davy also discovered the anesthetic properties of nithous usade, known as 'latgling pas," by experimenting with its effects upon himself. He was the first to isolate potassion and sodium by panning electrical currents through solutions. This laid the groundwork for the process of electrolysis, the tearing a part of substances by electricity, in wide use takey

Davy distovered five new elements.

James Clerk Maxwell (1831-1879) was the first to show theoretically that electromagnetic waves are propagated through space at the spect of light. All radio communication, television, and radar are based in essence on work inspired by Maxwell's pumeering that tas. Born in Edinburgh, Maxwell directed the founding of the Cavendah Laboratory at Cambridge University, where he was protessor of experimental physics.



To Marca Perid v Le Word Class Its Clark Lalling

For the second s

# prence Nightingale (1820-1910)

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"Any no more child shallmas, no more your things, no more on eptry made in her diary in 1850 after she had passed two weeks at the Institution of Protestant Descencesses at Kaiserswerth on the A pipe 1, for f. Terlatin of terl Well I. TITEL A TAPLES II WHITE I THE THE III THE 7 THE PHEN LINE khine.

When Floresa et del her mother and slater that she proposed to study Nightingale or rented he friends, and was shocked by what he beard of morning conditions. the morth also of mars ng, they standdered,

In the London Times of October 9, 1854, appeared a dispatch of W. H. Kussel telling a tragic story of dispended unperparedayes, of he Crimean care-"What will be said when it is known that there is not even about to the besteinger for the women pell" Russel asked, The Tan utilished a leading article ratified. Why have we no Sisters of Charity? lack of surgeons, and of landequacy of supplies in a

I am days before the sypearance of Massach's dispatch in the Times, moves had been neganized to go out to Scutari and text she had Horon . Not reported but on the property wester to Some Block S relate a Way sort ground a smill private, sachran Let ' mille sin

"There is but one person in factorial that I know of who would be carefule of engangeral and superficienting such a scheme. . . . My the nor midy is, would just listen to the request to go and saperintend to an antitional This letter crossed with one from Merhant to her in these terms

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There were five miles of beds, thous were packed with wounded, and at half on hear notice fresh shiplinaris had to be received from North at half of the testing of these follows: A phone is not the second average of three follows per man."

less officiation, bowerer. She was always at band, to whom the deing Craulially she got the dreadful bospital in order. Here were no soul The second residence of the second second and the second of the second o

of the wards wrate: "It seemed an earlies walk. . . . As we showly berger Horse Abs Charles any of the puttents? of endurance. On they of emergency she was known to work 20 hours passed along, the shear was pranable very schoon did a much of ony train these health a term, in a 1st apost with a last and the The short teal places in the present day partitions and without passe. An observer who accompanied her on a night repaid

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Vingray, tarfore taking up his duties, consulted her. It has been said that her coeperation with Sir John Lawrence did as much for the She becaute a receptibled authority on problems of pripath a to Endis. on methods of combaning farmer and distight, and even on the stranglebed of breat venience, unit of the best little from a ber protein was unablicial and unpaid, her halleane was such that each moversive british Army in India as her work of reform at home after the Chimea.

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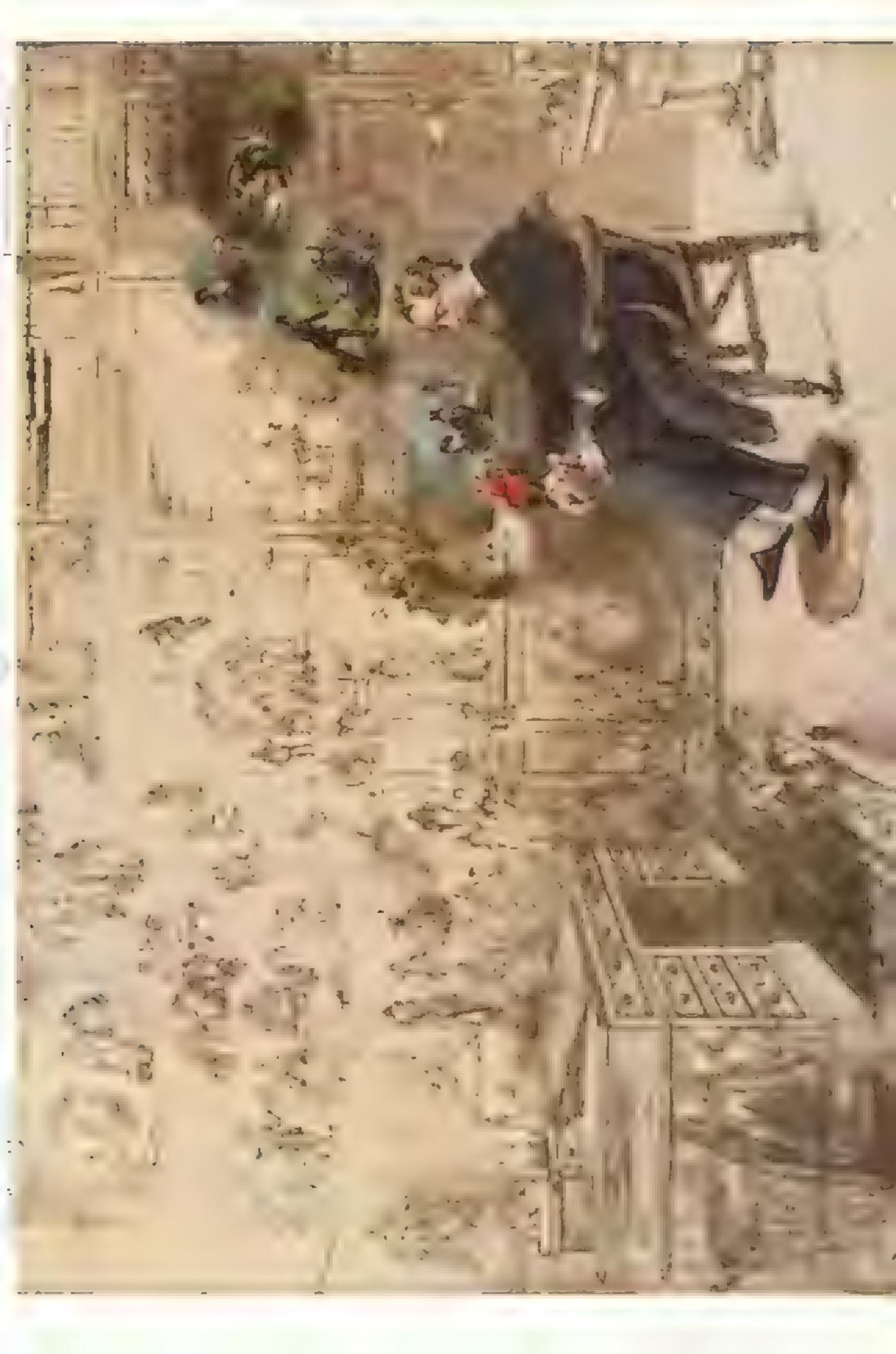
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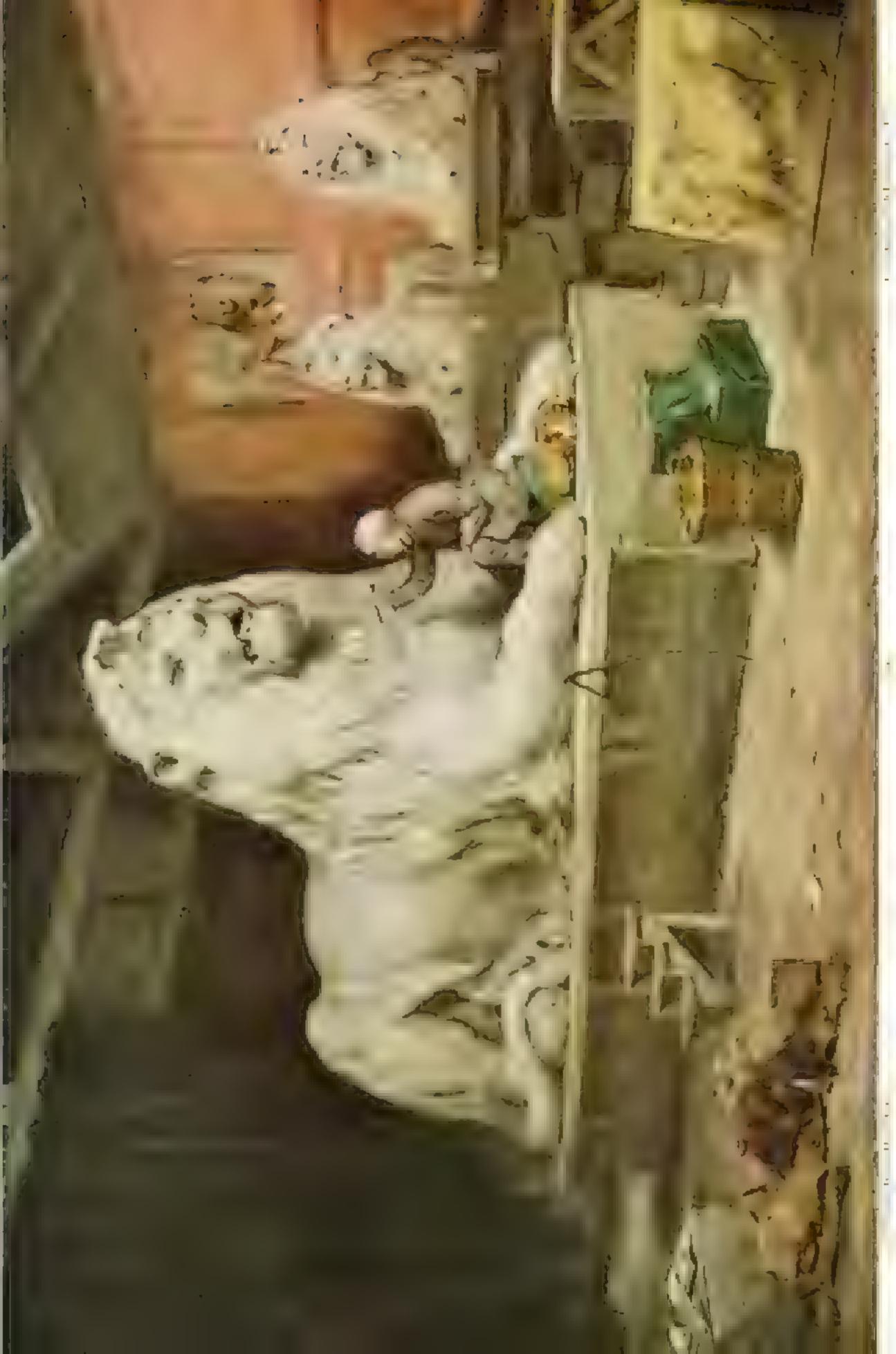
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### Jahrin Landster (1802-73)

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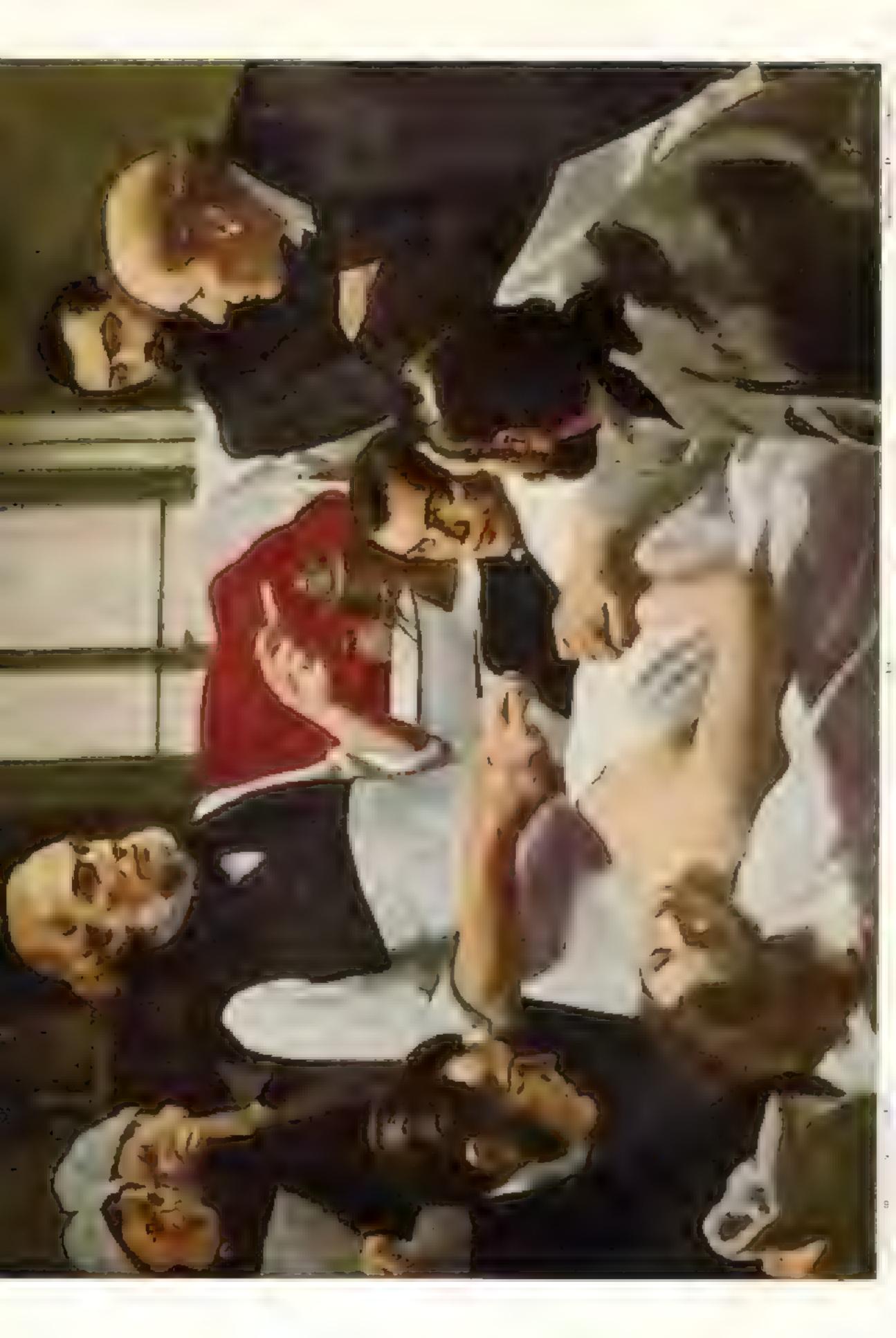
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### Lord Lister 1827 1912

At the coronavian of boward VII in 1902 the King comberred and two in circustrated that the construction that

for you and your work, I would not have been bere to-day."
The coronation of Edward bad been set for he previous year, but had been nexthered an operation

for "appendicular absites,"

of the building problem of the disease Known as "hospital gangrene."

Who Lister was 26 years old, his teacher, William Sharpey, present of the control of the list of the l

A couldny ago the infirmation of Educhands and Clasurs were in says than hospitals element, but Lister was appalled by what he say The stend of the wards, where it is windows were invariably kept shut, tested the attempts to match. He saw realized that the bospital, instead of being a place where health was restored, was far two often as the entire of the part of the bospital.

Lister learned that two out of every few amputations resulted in death thatjanes are an underwent amputations in the country, he found, stand

that one i its later i sixt. The him is Dr. i as in the side."

ings in the towns stead between "as participa as as the old."

Lister proved that it was put in the bashing that the causes of mortality lay hidden, but in the operator himself, his tools, and his to apply its besons

Lister's great discovery was that it might be practically to prator so exacting the control of the control of the practical factor and the control of this greatest factor in the control of the control

In 1850 he was appairated professor of clinical surgery in the Unitary reserved in the Unitary and apparent the death mic from importations was 39 percent. He tried new niethods day by day and for years wared a ruth-limit of print water a ruth-

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white, After its years, he introduced altographic lightness of the time of time of the time of tim

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### Charles Darwin (1809-82)

THE REMARKABLE FACT about Darwin is—how un-Darwinian? This frail, scholarly scient of two farous families this grandfathers were the scientist Frasmus Darwin and Josiah Wedgwood, the great English artist-potter) was far removed indeed from any conception of a creature that could light its way up from the jungle.

Darwin proved beyond reasonable doubt that man, like all living things, is a product of printing selection through what he called

"survival of the fittest,"

How troubled Durwin must have been when the whole struct are of theology was shattered by Lis simple thesis that man was a child of animal evolution, subject to the same processes of theolification is other of Nature's animals; not be been from Adam, but risen—if such could be the right word for evolutionary descent—from the age.

Darwn the patient naturalist, as the resultant of the Dorwin and Wedgwood breed lines even diffied in his own person the fact that, unlike the wild animals, man can consciously control his own evolution if he so

1,5

After taking his degree at Cambridge in 1831, Darwin volunteered to accompany a surveying expedition on H.M.S. Beagle to discumnavigate the Southern Hemisphere He left he was too physically sensitive to follow his father's profession of physically sensitive to follow his father's profession of physical can unanesthetized of his bound to the operating table drove him from the brikking with its shricks); the only passible useful knowledge he possessed was a grounding in geology and the sense of geologic time.

And his strength proved harely able to survive the five years at sea, which marked him for a lifetime of palit. No are would have called him as a mistake if it had not been for his consintant-wife financis constant sacrifice hvery scattence written into Darwin's notetooks marked an hour of a day which Emma had given to guarding his failing strength.

This sheltered in infinite lelsure and care, the inval if Darwin a mided to a private note-note and even-more-private letters the evolving theory which the Island isolated life on the Galapanus group had first set stirring within him, a theory which he knew would naurder many established scientific concepts.

He might well have died without the world extend over being the wiser if in 1858 he had not received meddenly in his country retreat at Downe House in Kent a letter from a professional plant collector, Alfred Russell Wallace, written from Ternate in the Maker Archipelago. In this letter Wallace had set

down some theses: There is no limit of variability to a species, as a timerly suppresed.

The life of wild animals is a struggle for a victory and the district of will represent the order of the district of the district of the order of the

Darwin wrote to his friend, the famous geologist Charles Lyell: "Walling has torlay sent me the enclosed. . . . I never saw a more rise; coincidence; if Walling had my MS. I all staten out in 1842, he could not have made a better short abstract?"

Had Darwin been the king of a scientific jungle, here be should have felt it necessary to forestall the young challenger by bastening into print for the prize of "prior publication." But Darwin was most on Darwinian. He wrote: "I shou! I be extremely gla I now to publish a sketch of my general views in about a deach pages of so; but I cannot persuade myselt that I could do so honourably. . . . I would far rather burn my whole book than that he or any other man should think that I had believed in a paltry spirit."

Act up on their own responsibility. Darwin's triends. Lyell and Joseph Hocker, presented before the Linneau Society on July 1, 1858 and then published, the Joint papers of Wallace and Darwin. A year later Durwin filled in the details in his book Origin of Species It cleaved the thought of Britain and the traditional civilized world in twain. No thing about Nature would ever look quite the same

pri j

The author of The Descent of Man was not too proud to make his last published book the study of how each inch of the carth's writers from has passed and will pass again through the bowels of earthworms. No life was too lowly for him to learn from.

Introductions of the people, natural history, and grokey of South America and of Pacific and Atlantic Islands, makes his Countered the Beagle even today a most entertaining narrative. He concludes: "A traveller should be a botanist, for in all views plants form the chief en belli-hment."

During the years that Darwin was putting the finishing touches on his theories. Gregor Mendel, an obscure Austrian mank, was riscovering in his experiments with hybrid peasance mechanism of hereafty which was unknown to Darwin.

This forced attendorment of some of Darwin's bleas and predification of others, but needern geneticists have placed on an even sounder basis the central concept of evolution.



Civil Rhodes, the Diamond King, Founded the Rhodes Schulzrships
The left is a superior of the left of the Constitution of the

### Cecil Rhodes (1853–1902)

AS A DIAMOND "digger" at the age of 24, Cycil Rholes passed many months on a solitary trek, on foot or on an or wagen. exploring the hinterian Lof Cape Colory. He was thinking out, as he talled in South Africa, both his own future and the future of muskind. Refore he had annesed his great fortune, he made a will dispushed to ...

In his will Rhodes makes his "Corfeswhom of English is that after strakes a trian to beruire what is the chief good at life, to one the thought corner that it is a happy marriage, to another a great wealth, and as early seizes on the idea for that he more or less works for the rest of his existence. To myse f, thinking ever the same question, the wish came to me to render myserf useful to my country. . . .

The young Englishman had two main objects: to promote the welf re of the british Commonwealth, and to unite the while Euglish-speaking race, which he regarded as "one of the chief of God's chosen engines for executing coming improvements in the lot of mankind." In him it was a matter of indifference whether the capital of the English-speaking world was in Washington or London; as modus rayouli be suggested alternating terms of five years for Washington and Landon as the supreme seat of government.

The san of a confidery vicat, of perman suck. Rhodes was born at Bishop's Stortford, in Herti wilshue, His health broke down when he was unly to years old, and he suffered from beart trouble all listife. In 1870 be was sent out to Natai to join his eldest lanther, Derbert, who was growing cotton. Diamonds had just been discovered pear Kimberley, and Herbert Rhodes joined the tush for the diggings, leaving his young brother to which up affairs on the larm

Just a year after his arrival, Rhodes, a tal., stry youth, set out for Klubberley with an oxdrawn Scotch cart, a pickax, a shovel, a Greek er and g well thumbed copy of Marcu-Angelius Diamonds as a means of obtaining wealth were the lare, but at the back of his mind was the hope that he would carn enough money to enable him to complete his education at Old ad. Charg at Kimberley, Knodes soon found himself in possession of his brother's claim. Herbert returned to England.

The dry air of the high void agreed with Rhodes, and he prespered. I wo years after his arrival at, Kantlerley he achieved his authition of going to Oxford, and nutriculated at Oriel College. For gight years he divided his life between the rough surmaidings of the diamend diggings and the cultured environment of achievatic life at Oxford. Despite the increasing calls of South Africa, he track a pass legree at Oxford in 1881

Khodes crammed into 20 years' accomplishments what few other men could have attained in half a century. At 21 he was one of tarmost successful diggers, and by 1880 he controlled the De Beers mines, named after the original Dutch owner of the land. He made his first will after a serious heart attack in 1877. In 1889 his sixth and last will left his fortune of six million pounds to promote great causes. The will established the Rhodes. I rust which provides at Oxford 100 scholarships for students from the United States and nO for students ir on the British Empire. The year before he took his degree he was elected. as a member for Barkly West in the Cape Farlament, a seat which he retained all his lin-

Rhostes was largely responsible for securing the bimterbord of Cape Colony. He became Prime Minister of the Colony in 1890. and resigned in 1890. Taanks to him, German plane to halt british expansion northward were checked. With the esta cistment of Rhodesla, a vast and fertile area was added to the Empire.

He had geoius for handling men. In the Matabele compains when the rebels had been driven into the impregnable fastnesses of the Mate po Hills, warfare which might drag on for ) cars seemed inevitable. Rhodes caused word to be sent to the Matchele that he was there, to have his throat cut if necessary, but he was ready to have it out with them, and would come to them, undetended, to heat their side of the case.

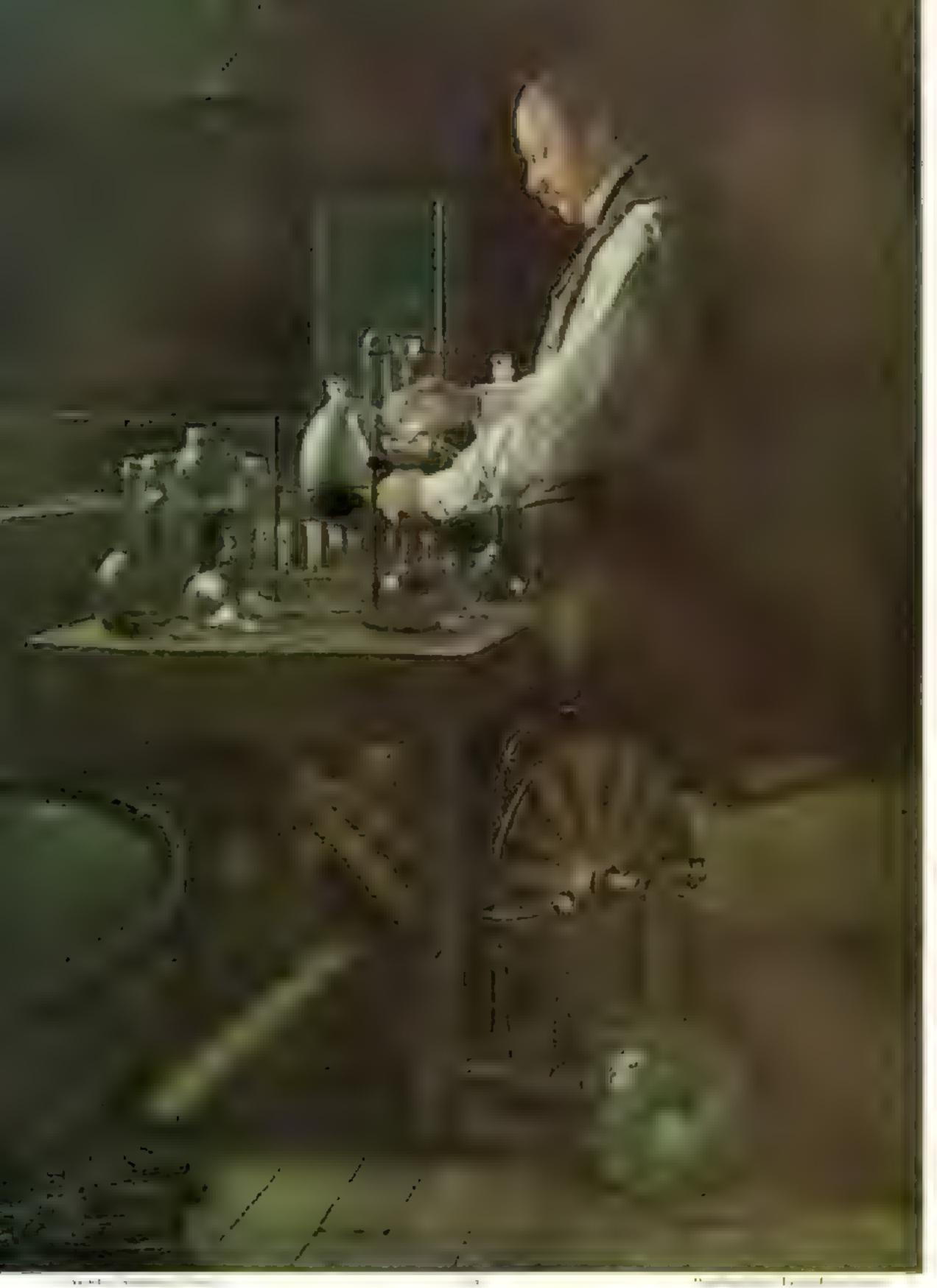
Accompanied by an interpreter, he met the chiefs in the heart of the Matopos. During the descussions some younger chiefs got out of hand. Khades's companion advised him to escape, but he stood his ground and shoute l to the Matabele, "Go back, I tell you!"

They witnessew and Rhodes asked the assembled chiefs. "Is it peace or is it war?"

Such was his magnetism that the answer

was, "It is peace."

After the South African War, Rhodes, who was in Fingland early in 1902, was called back to South Africa on baseness. He was now completely broken in beauti as a result of terrible hardships endured during the look e of Kimberley. On his return his condiffin became worse. He was moved from his belowed Groote schaar at the foot of Table Mountain to a little cottage by the sea at Ministratory. There, after Luce weeks of great suitering hernically borne, he died at the age of 49. His last words wete: "So little flone, so nach to do,"



Levelbak Who Block Electric Lido Blobs Is Indebacd to Leid Ray eight as self-of the Who Burner of the company o

### Lord Ray eigh (1842-1919); Sir William Ramsay (1852-1916)

I the militar today to furnish efficient i lumination, trace their trigin in a sense to the discovery of the gas called "argen" by John Waliam Strutt, third Lord Rayleigh

Equally important, the fanling of argon led in Sir Witham Rames, y's work in identifying other new gases to the earth's atmosphere, including between and neon, which now have

important commercial uses.

Angen is a cointless, adorless gas comprising 94-hundredths of one percent of the air. It is used commercially, mixed with nitrogen, melectrical ght baths. Such lamps, filled with gas under pressure, give more tight than the vacuum type, because the flament can be kept botter without breaking down.

The discovery of orgon resulted from a painstaking effort by Rayleigh and Ramsar to hara why histogen released from ammonit by a chemical process had a slightly smaller atomic weight than a tragen obtained from the a.r. A trace of an inert gas mixed with the latter accounted for the difference, they

found, and it was presed "argon."

Born November 12, 18-2, Rayleigh was an aristocentre and ord scient'st like Robert thyle, and succeeded to his father's title as baron in 1873. He was educated at Traity College, Can I tidge, where he distinguished himself in the 1865 Mathematical Tripos.

Rayleigh received the Nobel prize in physics in 1904, was elected bresident of the Royal Society a year later, and in 1908 became

Chancellor of Cambridge University

The of Rayle shis most famous works, his Treature on the Theory of Sound, stdt a leadexceptive on the subject, was began charing to a large to the Nie The trip was taken on a Nie The trip was taken on the secret ansate of the secret which the secret subject of A. J. Ballous, later Prime Munister

Rayleigh succeeded James Clerk Matwell (page 510) as head of the world-forming Cavendesh Lahmatory of Physics at Cambridge in 1879. There he uncertock research on the predetermination of the electrical units (the ampere, with and ohm) in a mounte measure," which resulted in a classical series of papers published by the Royal Society.

Most of Rayleigh's researches, however, were carried on in a stable loft laboratory on his estate. Terling (pronounced Tarling) and, near Wit aut, in lessen, to which he retired after five years at the Caver dish Laboratory. There, in a somewhat crude and homemade workroom which no doubt would

seem pitifully fundequate to the research workers of today, he continued his mountmental contributions to physics for 35 years.

World wife honors and distinctions came to him. He was one of the original members of the Otder of Merit, instituted at the time of the coronation of King Lilward VII. His genius was widely recognized in the United States. He was elected a member of the Assertion Plant sophical Society in 1886, and fateign is natury turmber, American Academy of Arts and Sciences, in 1888. In 1895 he and Sir William Romsay received a Hodgkins Fund award of \$10,000 from the Smith on or Institution, the Barnard Medal from the No. thatal Academy of Sciences, and the Cresson Gold Medid in 1914 from the Franklin Institute. In 1884, at 42, Rayleigh presided over the Montreal meeting of the British Asso fation for the Advancement of Science

closely associated with the work of Lord Ravleigh that one can hardly be mentioned withcut the other. Born in Glasgow, Ramsov was printedly a chemist, and wen the Nobel prola this field in 1904, the same year that Ray-

leigh won it in physics,

Both men were deeply interested in abnormal psychology and members of the Society for Psychical Research, of which Rayleigh was a

president.

Their work on argon led Ramsac and Prof. M. W. Travers to the finding of beliam, peop. keypton, and zenon. These are chemically mert elements which exist in the earth's atmosphere, some in very small quantities.

No n is the essential ingredient of the familiar "recon signs." The gas gives of a bright red glow when an electric current is

passed through it

Helium had been found in the sun in 1868 but Ramsay first discovered it on the earth He found that it was given off by certain minerals when beated. Today, obtained in lance quantities from natural gas, beliam is widely used in cirigibles, since it is non-inflammable and nonexplosive

These qualities led to the chalce of beliam for inflation of the National Geographic Society-U. S. Army Air Corps strate sphere halloon Explorer 11, which set a still ambroken altitude record for human flight, 72,395 feet.

on Neverther 11, 1935

About 250,000 cubic feet of beliam were used, expanding to \$.700,000 cubic feet at maximum abitials. Use of beliam embed or may have a later to be a A. Andrese data of great value to peropny its! science.

### Lord Rutherford (1871-1937); Sir J. J. Thomson (1856-1940)

EXEST RUTHERSOLAD was been near the little town of New Zealand. His grand the South Island of New Zealand. His grand father had sailed from Donder, Scotland, in 1842 with his family, among whom was Junes, a boy of three, Rutherford's father.

Authoritel's parents belonged to the best type of embrant paneer. His mother was a schoolteacher, and there was always a special

rink between her and her son,

Rt theriard once said to a school friend that, had be not won from the country bardet a scholarship which took him to Nelson College, he would have been a farmer and never realized his special gitts. From Nelson a second scholarship task him to Canterbury College at Christchurch, New Zealand.

The was digging our day when his mother came out to impart the joyous news that be had won a third scholarship which would take him to Cambridge. Flinging away his spade, he said, "That is the last points I I dig."

When he arrived at Cambridge, fortune suched on him. He was welcomed to the Cavendish Lab mat my by its distinguished director, Sir Joseph J. Thomson, who rastovered the electron in 1897 and whose work on the structure of the atom paved the way for Rutherford's later great court hatons

Ratherford was only 24 years old, but he sum began to make a rame for houself. Or Andrew Balfour wrote of him, "We've get a rubbet here from the Antipodes, and he is

burrowing mighty deep."

Within four or five months Ratherford was din ag at the Fellows' table at King's among the elect. His fame had spread rapidly on around of his experiments on the detect on of electric waves for long distances. Rutherford succeeded in transmitting electric waves for half a mile. These experiments were made letter Marconi began his investigations on signally g by electric waves.

After lecturing at Columbia University, in 1902, he wrote. I am the only worker in the field of exacted radioactivity in the English-

spraking world."

Retherfields professorships in Montreal. More water, and Cambrage may be said to "correspond maghly with the three major phases of the development of atomic theory which wil, always be associated with his name," as Prof. R. H. Fowler points out.

For his work at McGill University in untaveling the intricate phenomena of radioactive charge and the chemistry of the natural radio active elements, he received the Nobel prize for chemistry in 1908. His 12 years at Manchester University are associated mainly with the discovery of the nucleus and the devel quoent of the nuclear model of the atom.

He passed the last 18 years of his life at Cambridge as Cavendish Professor. This third period cuminated in 1932, the year which saw the descovery of artificial disintegration by protons, of the positron and of the neutron, the first and there Covendish contributions.

I have fundamental contributions of Rutherford and his associates belief to lay the foundations of nuclear physics, a new branch of physics, out of which grew the release of hi mic energy and the atom c bonds.

As the representative of ligitain beyond the seas, no more restinguished figure could have been these than Rutherfield. His lick of formally years as him (riends wherever he went.)

Within it few years the subject of radium had captured news munds, and Rutherford's services were in great demand. He received offers of professorships from Yale, Columbia, and Leland Stanford. He was awarded the burnford Medal of the Royal Society, the burnfield Medal, the branklip Medal, and many homotory degrees.

The career of Kutherford was Larened under happy suspices through the friendship of Sir Joseph J. Thanks in, who developed the Cayendish Lab ratory which later was headed by Rutherford. Thorsessa won the Nobal

prize in physics in 1906.

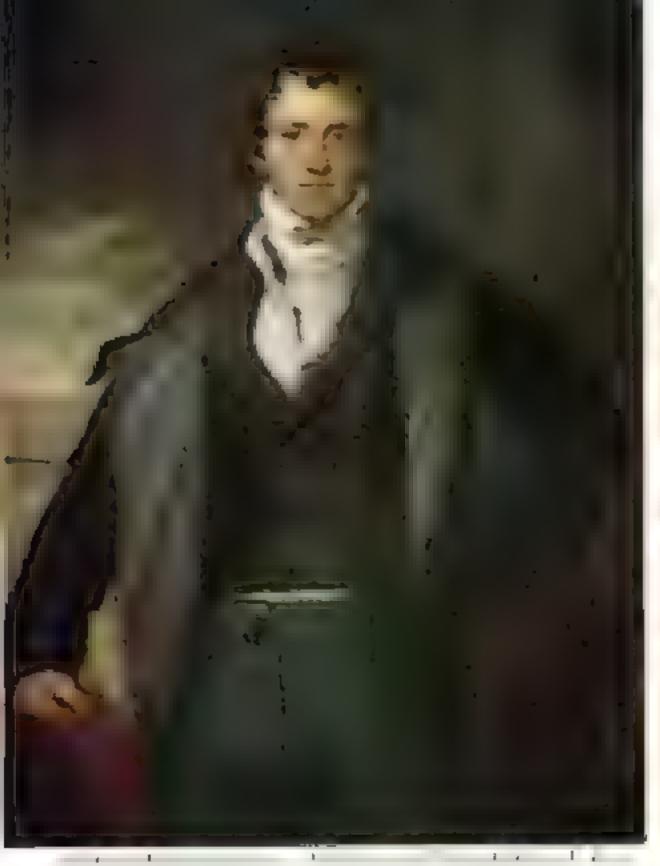
Takey's checkenic are, with its "electric condition, radar, television, and ecuntless other devices controlled by electronic tubes, as founded on Thomson's discovery that the exciton is a regardely charged portale, a "corposcie of electricity" as ac called it.

It meson was the first to show that the atom is nucle up of particles of positive and negative electricity, the nucleus having a positive charge waite electricis with negative charges rotate around it. His work revolutionized the sciences of chemistry and physics.

the of Thomson's great contributions was his tremendous whatever in the triming of young pleasi ists at the Caveta lish Laboratory During his tentre it was a meeta to which young men the kerl from all over the world to sit it the feet of this great teacher

When only 27, he was elected to the Royal boolety. He is buried in Westminster Abber.

Cor partrait of Sir Humphry Davy (page 510), by Sir Thomas Lawrence, and Oswald Bir ry's printing of Lord Rutherford are used by permission of the Raval Society; that of Sir William Rumsay (page 525). Mathanke, is from the University to an London, and Arthur Hacker's Sir Joseph J. Thomson is in the Cavendish Laboratory.





Turn of These II tish t'a Hindary of Sauma Win the Nobel Prize





### Cowes: Cradle of Nachting

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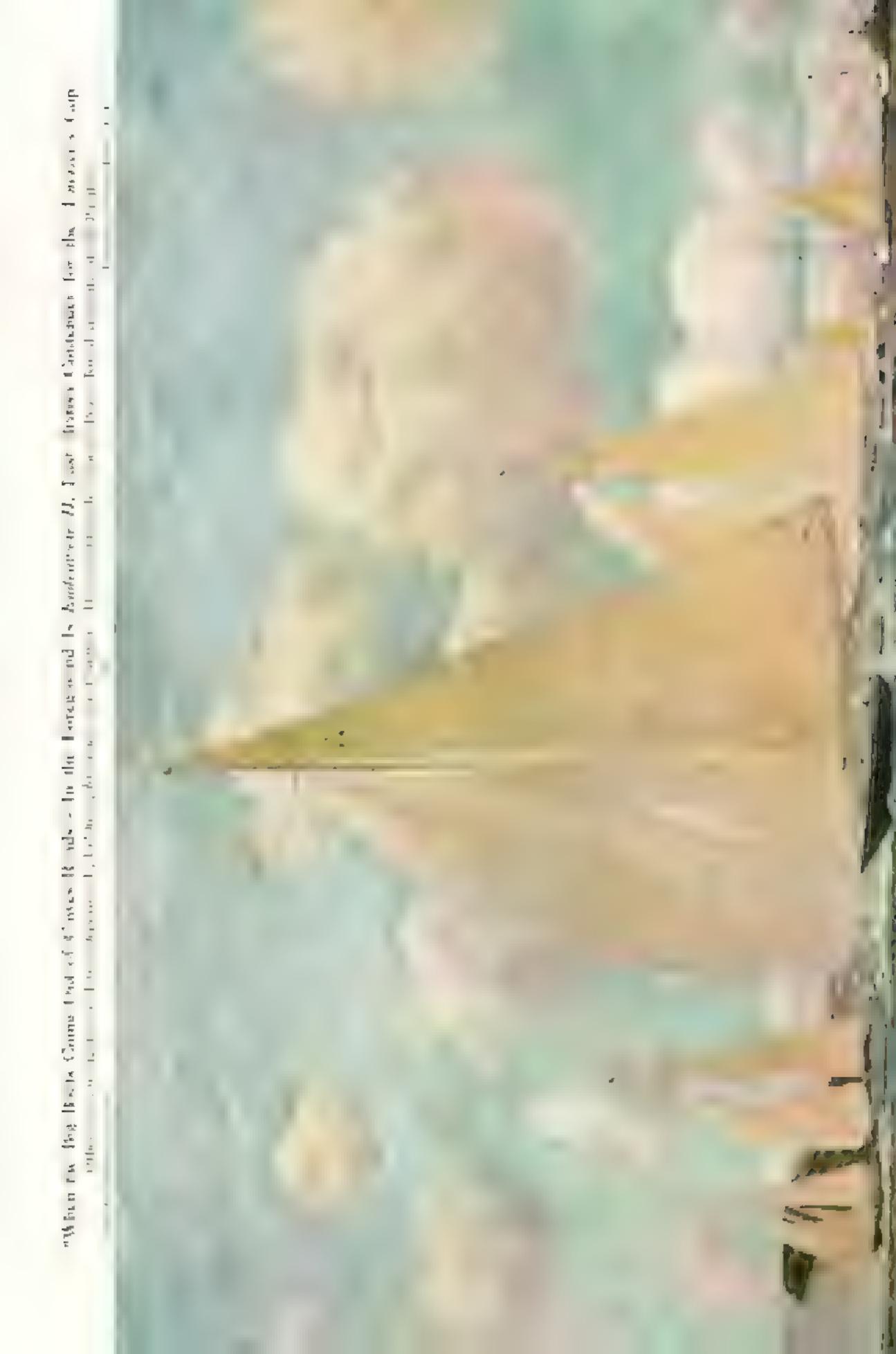
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I are the Athertica's the remains on the 'wreng" after of the Athantic, as trigitali specience view it. And the fundative rost of making and sulfing the talk streamlished Julys slaps carbo resumption of the Angeral's Cup arties an exceedingly dim possibility

All eart the world, however, sail no cuthos asis of all ages race and Her argulassing & Sold المرسة ظل ١١٠٠ تا MILL CARTY



# A Very Gallant Ciculternan - Lawrence Pickward Grace Ones (1880-1912)

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The artist Albertal Craftman le photógra paíser

## The Battle of Jutland, May 31, 1916

\* FRAILD the greatest navel bottle in modern times, the Buttle of Judand, as the Buttle of the Skugerrag, as the Germanns grow it was fought 53 miles west of Depinant. It it 350 ships conlessed for markers of the states.

Early sides claimed it us a victory, but after it was over the German Heet was forced to seek its base and never aprile in World War (stations of both with the first of both or the first of the first of both or th

the formal formand was the only orthogon whom the pleat Degree met in the pleat Degree met in the contact for eight books and a start of start of the contact for eight books and a start of the contact for eight books and as the Green and C. 2. 21.

The British Administration of the first of the control of the state of the state of the state of the control of the state of the control of t

It was lacky for the Germans that the Lee maning fight between the scouting terres this politike plant to be recomming to the Grand Flort would and the fire

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Sufferly, at 6:24, while fell ground Schwer's leading ships and he found he was heading into a trap set by Jelliche Tie 11:1 + Pierr had smessed the "It's by mussing I alle ships are the continued to a second the ships of the ships of the ships.

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Soft in naval tactics because of danger of rolliston. In it of the first time of the first time of the first time of the first of the first time of the sound the first of the first of the total destroyed to the the time of the solution of the solution of the column of come time the concentrated like the first time of the solution of the solution of the solution of the column of the concentrated like the first of the solution of the solution of the column of the column of the concentrated like the lead of the solutions.



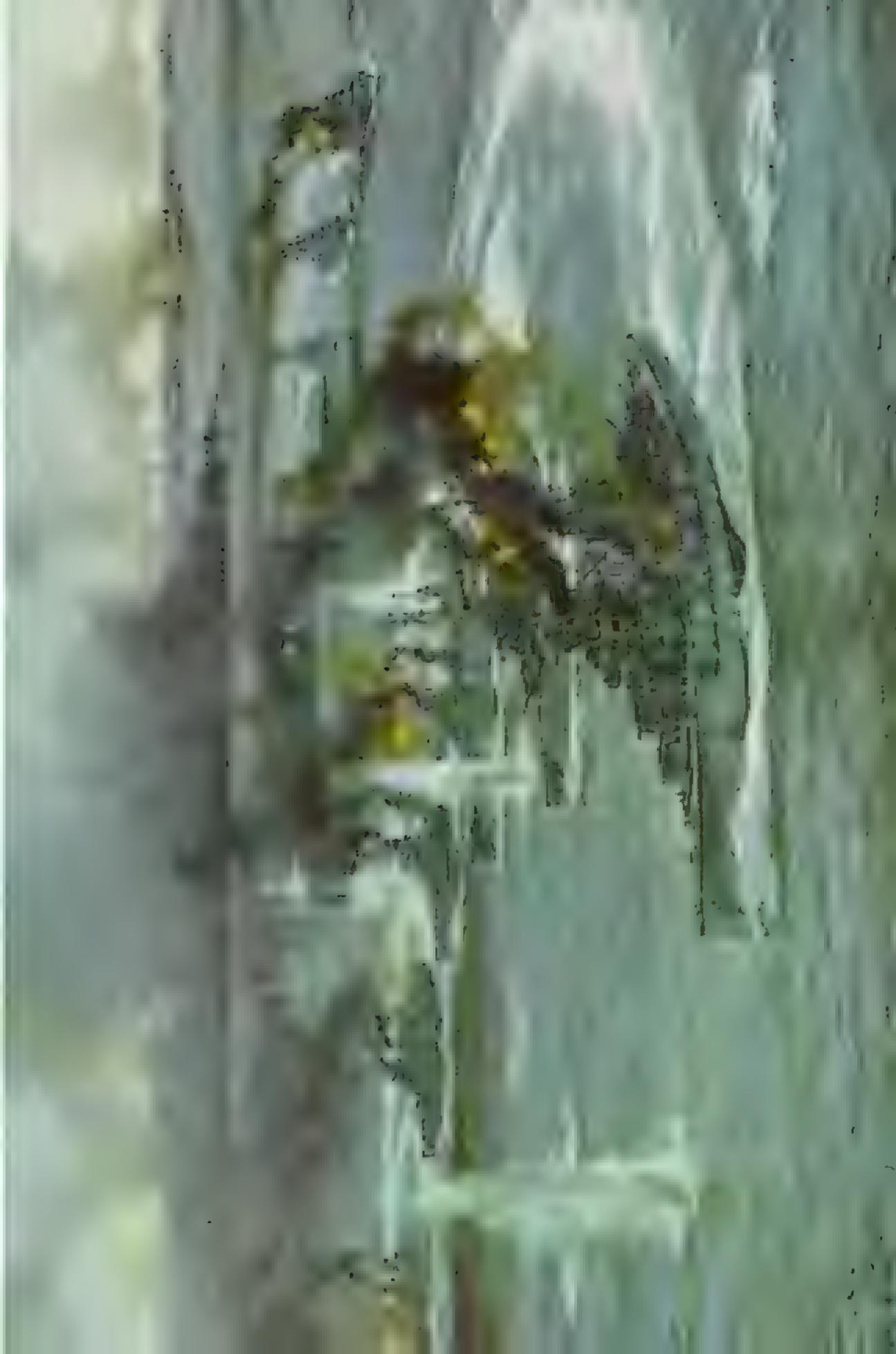
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The German High Seas First put to sea for the list time when 70 days at a rate is just a feet the last time when 70 Soverber 21, 1918, Say in a rate is a last one ship season at beathed by their degrees in Scapa Plow.



# Sir Agevander Ceming and Penicillin

All this it with the surfer Flatting was "descended" from a spoke that blew in through a window at St. Mary's Hospital, near Juddington States, in 1928

the contamination of a culture plate by space to use Levaing a mata words—'is assaulty regarded as a redection on the technique of the Fortunately for mankind, I feming and but throw away the thluse plate, up which he had noticed "a graenish-blue mold colony growing

at the edge. Chance and lack play a large part in human affairs, last, as basieut reaches and is a second to presented purel. In the constitute with

an exceptionally well prepares, rolled waiting for just such a stray spore, When I beginning attention was task appealed by the unknown model space, he had no saspicion that this was the beginning of the most powerful antibacterial agent which had yet come to light. He classian than tarbulk action of the property of the common mirrobes, and yet was apparently bacmies to human cells. This same butterful substante, produced by a model of the genus Penichham,

in caller seed but the contract of war in 1939 an Australian Recides scholar, before the outlinear of war in 1939 an Australian Recides scholar, the continue of contract of the contract of substantes capable of testing barroful encodes. Buth Air, and Mrs. Florey were medical graduates of Adelaide University.

The ting to te presirate out people bits, they extract governof Fleming's relience. The analy undertaking was beyond their means, but they are nother a to be an in the formal transfer of the second their means.

stabilizant, so that treatment first of mile and then of men, could be a character of the could be a character of a character of a character of the stable for the fighting broads.

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In the summer of 1941 Howard Firey and A. D. Heathy, in response to the production of 1941 Howard Fire and the set of the interpolation with the problem of large-and quoduction was at one tackled with energy by the National Research Council, the Department of National Research Council, the Department

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and his print winder in the moved pent of his actions of a second second in dealing with such prints completely assetted in dealing with such prints completels as he search were throsts.

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eferments those began by Jennet, Pasteur, and Lister.
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Whet Calum's paining of Sir Alexander Deming at work in his about the resemble at work in his



### of the Bismarck, May 27, 1941 Sinking

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anine for the planes from the 10, 4 41 1 2 Maria and Sank and the state of the state of the F was & Soon wave after wave of banshers and trying American refer to the drawn ready Karrel was off for the attack FIFTH I POST &

II did to all we probably a training to the mean of the contract of the term of the last of the last of the contract of the W. t. the ... Little one near the Bismand," quoting Admiral Sir to be a second of thick burk of they work have about 700 front near a long period in the face of intense and accurate fre; they were the stable of a construction of the construction produced by I I had therefore to be my sea by sub-dights or pairs of aircraft the state of the state of the property of the party of the state of th TERRES COR DIT 1 OF 1 SECTION OF The ser is the file Spl. 11 13 4

There is now an dayby that it was the factionate his by one of the Tall I vir als to some in I remed that to being the Engage to the second mental made uterving. The Mission of redder has, been damaged; she was out of control and kept turnsing in large circles. The plight was now desperate. For the first time in mayal bistory, a corrier-based plane had tautfally airtain from the Ark Reyel, on the excessing of May 26, which enobles

Waste Table Tillians

It was preconstred on beard that the Fibrer would confer the Knight's insignize of the Iron Cross" on the man who storescied in of whom had been without elects for five days and slights. At that moment came this necessite from II the, "All our thoughts are with our The strain now layer to tell on the crew, manfreeing the nuldirs. STATE OF THE STATE OF THE STATE OF

The course steply Shire a material of the Westerline to the last shed," enamed have a layed the growing anxiety of Berlin,

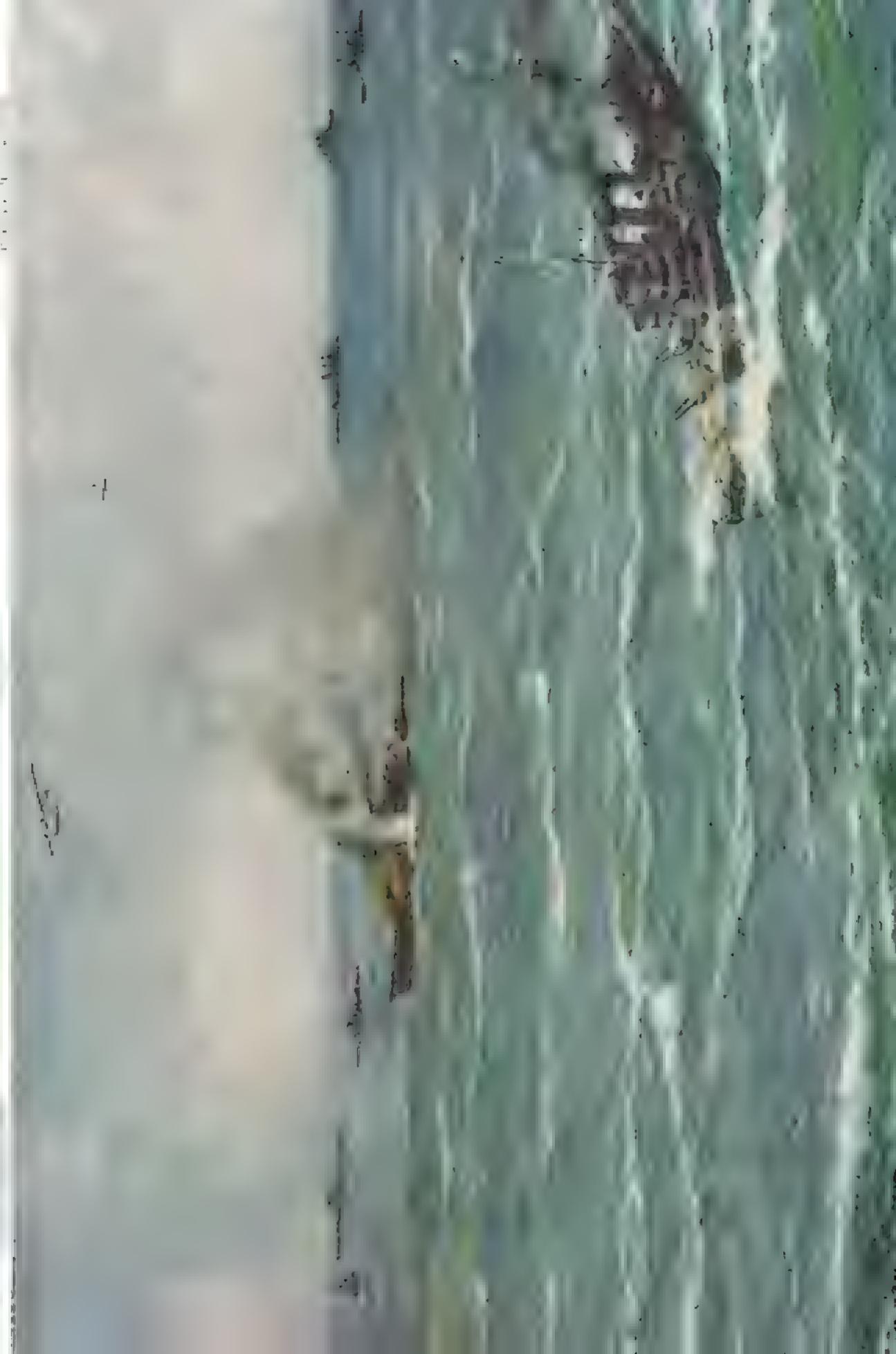
After a night of heavy seas, rate squalls, and has visibility came the device of the last state of the Disserved was finally sank by turped or from the raniser 11 M.S. Davicewhere, some 550 miles due west of Brest at 10:37 a m

"The Biomer 4," writes Adjected Tovey, Commander-in-Chief of the Ibrae I het, "bad put up a most gallant fight against fraposable odds, worthy of the old days of the Propertid German Navy, and she went but well as well as well as a contract of the contra . . and 75 multipe, Moori picked up 24 tailage; but at 11:40 Devent. were suffice of give a second while private type I am a few dup were in the little of the

of the subling of the Shenarch makes moving regular. It incopils one of the tapming pounts of the war. Not fill the United States entered The contract when the Marie Marie & state of a second the war six numbs inter was there such rejoicing in British bearts

1941. There she hid until RAF Lantasters with 6-bin Earthquider on 18 - 14 Lin han French Nation 1 2 - 11 The German's sent Things in Narwegian waters when completed in

M. Priem. Dealer parefree Sonergene In In was remembered the Northern Pump Company of Minnespalis, Monnesota, from whose on lection it was trained for use in this series.



### Sir William Gilbert (1836-1911) and Sir Arthur Sullivan (1842-1900)

INGLAND has produced no immortal grand opera, no weld-renowned samplinates, no considerable number of unforcettable felk songs; yet it has given to musical aterature in the light operas of collect and sullivon an enduring contribution as peculiarly and distinctively British as roost beef and Yorkshire pudding or tea and tokin.

Exemplifying the true Englishman's ability to laugh at himself, the tillbert and Subigan operates lampoon without make the hold and fracties of the British and for that matter of all mankind. Their bilarity is so infectious and has such wide human appeal that, like Tenegron's brook, they go on forever.

Throughout the British Empire, the Uniter state—in fact, wherever English is spoken, music and chamatic clubs, colleges and high schools keep the memory of Gilbert and Sullivan forever green by putting on purionic performances of The Mikhade, HMS Pronture, Pirates of Pensame, Triol by Jury, The Gindolices, The Societies, and Infanthe. Probably thousands of tealors of this Massays have personal techlections of taking part in some production of Gilbert and Sullivan.

No more outily assorted pair ever collaborated for the theater than the libretiest William Gilbert and the composer Arthur bulliam, Because of a caustic and often devasting wit, Collect got on rather badly with many people. He was a hard worker, crossely and exacting, inclined to shun social affairs the other hand, Saltivan, easy-going and on other, was popular in society.

sterpite their differences of spinion, however, 13 of the 14 operatus they did together were successful. Sullivan gave Gilbert full credit for making the chotas for the first time in theatrical history on rategral part of the opera, and tailbert praises. Sullivan as the only compaser who could hears out with his a use, the real 11t and the that of Luglish song lyras. When either worked with another colsaborator, the results were never up to the

standards set by their joint efforts

would have gained a measure of lasting fone even if he had have composed an operation. His glorious tune Orward, Christian Soldiers, written when he was editor of the Church of England Hamonal, will be same as long as chorches stand. While sitting by the death-bed of his brother Frederic, he composed the music of the exquisite song The Lort Chord, perennial favorite of solojsts.

In 1575 Rubard D Oyly Carte, then acting manager of the Royady Theater, asked Gd-

by Salkian, and talkert on notice responded. According to Sullivan's account, "The words and music were written, and the reheared-completed, within the space of three weeks." The operata Trial by Jury had its premiere on March 15, 1875. An immediate success, It ran for the test of the year. The famous partnership of Gahert and Sullivan and Deliyly Carte was under way, and the phrase Galbert and Sullivan became a trade-mark

If MS Pinspere, or The Lass That Lored of Sadar, "An Entrely Original Northern Comic Opera in Two Acts" by Colvert and sullivan, opened in 1878. Penafore had an initial true of some 675 nights, and it has been tunning off and on somewhere over since.

The Phones of Pengances or, The State of Daty, opened on December 31, 1979 in New York. When the Parties had run about a year, it was succeeded by Pathones; or Bunthome's Bride. Carte, now prosperate, but the Savoy Theater especially for the Gilbert and Sullivan operatus and moved Pathones there in the midst of its run of 468 (lights, This theater was the first in London to be lighted with electricity, and Carte had to advertise that it was equipped also with gas for use in case the electric lights failed. It seated only 1,300; yet it proved a vertable gold more.

a kidney adment which put him to ked proved mother deed in May, 1882, when Sulfivers was composing one of his gayest stores, laborate; or, The Peer and the Peri. Moreover, as he went into the pit to lead the orthestra on the opening night of laborate, be tracived word that his amores had gene backtript and he was promiless. He could a ted the performance as if nathing had happened.

Before Inlanths had completed its 14-manths run, Sultivan was knighted in May, 1883. Gibert was passed over, he did not receive the honor ut til 1907. Undoubtedly the knighting of Sultivan was the beginning of the raft between the collaborators.

The Mikade; or, The Town of Thispa, spened at the Savoy on March 14, 1885, and run for 572 nights. Since then it, has been almost constantly on some stage somewhere.

In December, 1889, was presented Gilbert and Subjeau's The Goodoffeer; or, The Kine of Bacataria. A such this time there was a quartel over it new carpet which Carte had ordered for the Savoy. Sullman sided with Carte. The libratifet and the composes were hardly on speaking terms thereafter.



" La Nice Me Late Is by Necessary that I Mark at Come



"I Have National to Other for Those Trail, Jeans, and Sweet"

### Winston Churchill (1874——)

FITTINGLY, THE PORTRAIT of Winstan Churchill which faces this page shows him in the 'siren sult" he were in World War II. It will remind later generations of Churchill, the embodiment of the fighting

spirit of John Bull.

Whenever there was danger and destriction in the dark days of the Buttle of Britain, he was certain to appear and to spread confidence by his presence. He flew thousands of rules to confer with his allies, to cheer the men at the front, to affect meetings of strategy lmards,

In his Bights he traveled in a pressurized chamber facetionsly called the "Easter egg " It was designed for his use because his docto be warred bins that it would be unsafe for

him to fly at heights above 8,000 feet

No one who was in London during the spring and summer of 1940 will ever forget those months. The switt Anci moves when Hitter first set his war machine in motion and the withdrawal of the British forces from Netway. after the ineffects diefforts of the Government to stem the German rush, had caused groom throughout the land.

English spirits soured when the rugger, fearless, outspoken Churchill succeeded Chum-

berlain as Prime Minister,

Churchill at cace managed to put over his regged and indomitable personality on the radio. In those first critical mouths I watched auxious groups gathered around the loudspeaker in England, in the United States, and in Canada. His na limites stood spellbe and listening to his biting remarks about the Nazis and Hitler

Surely no other leader in history has ever thore successfully installed into his hencers his tion supreme confidence. Even in the grant months after Dunkirk, when England was expecting invasion at any moment, the British people shared Churchill's bedef that our cause would triumph—though how we should pull

through we did not know,

Winston Lemund Spencer Churchill was born on November 30, 1874, at Blenheim Palace, the home of his great ancester, the Puke of Marlborough, victor at Elembeim (1704). At Cowes in the Isle of Wight his father had fallen in love at first sight with Jeannette, the drughter of Leonard Jerome of New York, proposed to her the following day, ूरों सुहर्कनों कर होता । बेल्स के उपास स impatiently by the young levers but insisted upon by both families.

It was a happy strike of fate that gave an American mother to the man who was destried to lead furgland in the trying time

when that country and the Tauted States joined arms against a common fue.

Winston's first venture outside the family tirele was his sojuttu at a private school at Brighton, where his echoolmistress described him as "the nughtlest small boy in the world." Physics of the Paris of a superpasselly delicate bealth, yet the teacher for adlifts for from lacking in liveliness. School years at Harrow followed Brighton

After leaving the Royal Military Training College at Sandleurst, Churchill obtained a cummission in the 4th Hussers, and within a year went out during leave to Cuba, where he obtained his first glimpse of war. He wrote articles at 45 each for the Daily Graphic and returned to England, with the Spanish military.

medal.

With periods of campaigning on the northwest frontier of lader and in the Sulan behind him, he served conspictionally to the South African War. His adventures in that campaign and his dispatches to the Aforning Past brought him into the lancinglit.

As Eust Lord of the Admiralty he helped to prepare the Royal Navy for World War 1 The ups and thowns of politics tossed him about for the next few years. With marked success he tarned his band to writing—his masterpiece was the life of his ancestor, the great Di ke of Matherough—to painting in oils, and even to uticklaying on his property in Westerham.

he was the early days of flying Churchill took a keen interest in this new development. During the years of appeasement he continuously demanded a great expansion of the RAF to meet the Gettaan menace; but his warnings were unheeded. As Prime Minister he took every opportunity of identifying himself with the trays of the RAF and of visiting their messes. He was appendied honorary Air Commodute of RAF 625 Fighter Squadron Unit.

On August 20, 1940, when speaking of the small hand of fighter pilots defending England, Churchill used these mountable words: "The gratite le of every home in our island, in our Erepite, and indeed throughout the world, except in the abodes of the guilty, goes out to the British airmen, who, andanuted by odds. unwearied in their constant rhallenge and mortal danger, are turning the tide of world war by their prowess and by their decotion Never in the field of himsen conflict was a much owed by so many to so few!"

For the cross log mercy of the victory of the Bartle of Britain, bumble and hear y thanks were rendered throughout the entire Fuglishspeaking world. It was Winsten Churchill who leartened people to win that victory,



The Claw That Wore This Hide Helped Jenner Congres Saulipax

En laurement to the thirtheoper in the land of the first the same of the first the same of the first the same of the first the first that the first the firs

### Our Search for British Paintings

BY FRANKLIN L. FISHER

The highlights of Great Britain's con-

This amusing story follows paturally the entiler National George portrayels of Dady Life in Ancient Faypt." "Greece—the Birthplace of Science and Evec Speech," and "Ancient Rome Brought to Life," which delved into the remoter sources of Angle-bason and Ancient institutions."

To search the British Isles for authentic paintings of the subjects decided upon, I took ship for Landon in July, 1947. There I first conferred with Sir Evelva Wrench, in what if the Unglish-Speaking Union, who had been invited by Dr. Grossenor to contribute the lead article.

### Start of a Hunt for Pictures

With Mr. and Mrs. Themas Garner James, who had been belong Sir Eve yn collect data for his article. I visited numerous and gallenes, ferreted out private collections, and consulted experts in English history and historical pair lings. Among these was hir Waller L. . . . Secretary of the keyal Academy of Arts who introduced me to urtists and paintings which seemed to him suited to our need.

In Lincoln I met also Mr. Frank O. Salislory, R. P., whose famous murals of Hritish bistorical subjects decreate the walts of the Royal Exchange. He has painted portraits of many important persons.

I was received by Mr. Salisbury in his combination residence, studie, and art gallery, which is one of the most extraordinary residences I have ever had the opportunity to see. The house faces Hampstead Heath in London and was built just before the last war. Designed by the architect to meet the artist's specifications, it has many unusual fratures, notably well-lighted wall space in all the main grooms for the exhibition of Mr. Salisbury's pictures.

The entrance with its grand stairway sugters a residence of a high government official. As might be expected, the color tones of rags, walks, and decorations are combined for harmonious effect. At the top of the stairway is the formal drawing more and down a lew steps to another level is the studio, which is especially well lighted and contains racks and cases for the storage of sketches and cancases.

Hew pictures were in evidence here, but Mr. Salisbury brought out portrait studies of

Franklin D. Roosevelt and President Truman and showed them one at a time on an elaborate easel. He also showed me a portrait study of the Process Elizabeth for which he had been granted special sittings, but which at that time had not been completed. He was a not that the had not been completed. He was

We delistary's latest pertrait of Mr.

It is bill appears as page 540 nml shows him

"siren suit" he were in World War II.

A thumbould description reads as follows:

"The Rt. Hon. Winston S. Charchill, P. C., M. P., by Frank O. Salisanry, painted during the strentous war days in 1342. Exhibited at the Royal Academy, Royal Portrait Society's Exhibition, November, 1942. Tresented by members of the Devonshire Club to Mr. Charchill as a token of admiration. Replica presented to Harry & School."

In the Cavalry Club, 127 Piccadiley, I found the magnificent painting of Captain Omes, of Scott's South Pole expedition. The picture, carrying the modest title of "A Very Gallant Gentleman," was painted in 1913 by John Charles Deliman, R. B. C. (1851-1914), a prolitic painter of historical subjects who exhibited at the Royal Academy from 1872 to 1904. It is reproduced by courtesy of the Cavalry Club and Thos. Forman & Sons, Utal., Nottinghum, owners of copyright.

Capt, Lawrence Edward Grace Cates was an efficer of the Intiskiding Dragoons and a member of this clab

No picture could adustrate more effectively the surry of Britain's intrepid explorers who for centuries have searched out the serrets of geography. It is an adult its de convas of large dimensions (page 531).

Another picture found in a London club was William Clarkson Stanfield's "Bartle of Trainkar," which hangs in the United Service Club at 116 Pull Mall (page 505). This exist (1793-1867), a sailor in wouth, later painted theater stenery and eventually was elected to the Society of British Artists and the Royal Academy. He was commissioned to point the picture for the senior United Service Club in 1836, when the glob, first of London's organizations of this character, was 21 years old.

This is a large canvas, accupying one side of a great stair well surmounted by a glass dome. A companion canvas on the opposite

\*See the National Government Macazine for October, 1941, March, 1944, and November, 1946 respectively.

side was destroyed by a bomb in the London blitz. I deed, many paintings which had been considered suitable for this series were found to have been destroyed by the bombing during World War 14.

Among the private individuals who gave arcess to their paintings was the Rt. Hon. Sir Charles Trevelyan, Bart., who owns the mural by William Bell Scott, A. R. S. A. (1811-90). Building a Roman Wall." Sir Charles served 30 years in Parliament and is the elder nother of Sir G. Mt. Trevelyan, the noted Cambridge University Justorian.

This painting, page 446, opens the series as the curliest example of English accomplishment, although Britain then was under control of Roman invaders. The picture is in Wall-

argton Hall, Northamberland.

### Cherished Pointings Offered for Series

Many British institutions of learning leat their cooperation and churished paintings for our project. The City Act Gallery at Bristol, through the courtesy of the artist's white, allowed us to reproduce its fine pointing by bruest Board, K. W. A. (1877-1934), of the Cabots setting out on their voyage to America, which appears as page 461. The Royal College of Surgeons made available its picture of Henry VIII confirming the act of union to the Burbers and Surgeons, after Holbein, with only the request that we state that it hangs in the College and is reproduced by permission of the president and council (page 463).

Very appropriately at Plymouth brages the picture of Siz Francia Drake receiving surrender of the Andalusian flagship. By John Seymour Lanas, R. A. (1819-1923), it is in the City Muse on Art Gallery, Taylstock Road, Plymouth, through whose courtesy and that of the artist's son, who inherited most of his father's copyrights, it is reproduced

as page 468.

Academy of pictures showing historical subjects, including many of the Tudor and Stuart periods. Another of his works, to represent british achievement in architecture, is the picture of King Charles II and Sir Chastopher Wren (page 483), which hangs in the Laing Manicipal Art Gallery, Newcastle, England,

The Pregrious," by the American Edward Moran, A. N. A. D. (1829-1901), chows the May/order, a 180 ton vessel, leaving South-ampton on August 5, 1620. The artist was a weaver by trade, but developed his talent for painting at an early age. He especially liked to paint marine scenes and greatly admired the work of William Clarkson Stanfield.

whise pointing of the "Hattle of Trafalgur"

is shown or page 505.

I located Moran's painting at the U. S. Naval Academy Museum, Annapolis, to which it was presented by Mr. Paul E. Sutra of Philadelphia in 19-0. It is on permarent exhibition in the main display from at the museum (page 472).

There are many pictures of Oliver Cromwell, but chosen for our plate, page 476, is the one by Ernest Crofts, R. A. (1847-1911), showing Cromwell as a verterious general at the head of his troops after the Battle of

Marsjon Most.

This is owned by the town of Burnley, Lancushne, and was exhibited at the Royal Academy in 1969. It is published by permission of Corporation Art Gallery and

Muscum, Townsley Hall, Burnley,

The most effective picture of blim! I don Milton I located in the New York Public Library, to which a wealthy patron, Rebert Lennox Konnedy, had given it in 1879. It was pointed by Michael von Murkucsy (1844-1900) and is one of this distinguished Hurtgarkan artist's best pictures (page 472).

When located, the canvas was in a bad state of preservation. The library's trustees kindly arranged to have it cleaned and restored for reproduction. To accomplish this, the picture was fernived to the restorer's studio in Brockstyn. I was pleasantly surprised to learn of this through a news photograph in the New York Hereld Teibune last summer, which showed the hage curvas being carried out of the library for this operation. We were writing patiently for word that the restoration had been accomplished when we saw this photograph (page 540).

### The Late N. C. Wyeth Represented

To represent the work of the great English storyteder. Danlet Lefoe, whose Robinson Crusoc is still a best soller at Christmas three the painting by the Late N. C. Wyeth (1882-1945) entitled, "For a Mile or Thereahouts. My Raft West Very Well," was chosen. The picture is reproduced as page 483 by pertuissen of the David McKay Company, of Pailadelphia, from the Wyeth edition of Robinson Crusoc.

It bangs at present with a number of others by Wyeth illustrating the Crusoe story in the children's moin of the Wilmington Institute Free Library, Wilmington, Delaware, This biotary purchased the collection from the artist some years before his recent untimely death in order to have examples of his art in the vicinity where he lived and worked

Wyeth's home was at Chadde Ford, Penns

Astronia, near by. He was a member of that great school of American distributes who studied in Wilmington under Howard Pyle. Some of his fettow students were Taoraton Cakley. Clifford Ashley. Marfield Partish, Harvey Duan, Studey M. Arthurs, George Harding, and Frank E. Schooloover.

### London Galleries Yield Many Scenes

The great art galleries of London were a proble source of the pictures we wanted. The Tate Gallery provided the painting by the American, John Singleton Copley, R. A. (1738-1815), of the collapse of William Patitic older (Lond Chatham) in Parliament, where he was arguing the cause of the American Colonics. The picture is called "The Death of Pitt," although Pitt old not actually the until some time later, at his country seat in Kent (page 487). Reproduction is by countery of the trustees of Tate Gallery.

To represent British painters, I chose a work by William Hogarth (1697-1764). The official title of this pleture, which appears us page 489, is "The Life School in Peters Court, St. Martin's Lane." According to the records, it shows a scene in a school promoved by Hogarth which occupied a room in Peters Court beside Tom's Coffee Hot se in St. Martin's Lane. London. This studio, or school ceased to exist with the establishment of the present Royal Academy, which fell helr to its anatomical figures, busis, and statues in 1708. This painting now hangs in the Royal Academy, Burkmeton House, London, and is reproduced by its courtesy.

The portrayal of John Wessey preaching at Sandhill. Newcastle (page 491), was painted by Wilson Ejepple (1853-1937) and is owned by Sar Arthur Munro Sutherland, Bart, K. B. I., distinguished shipowner and coal exporter of Newcastle-en-Tyne (page 455), of which he was former Lord Mayor. The picture bangs in the Laing Manaripal Art Gallery at Newcastle-

English inventors gave much to the world by beloing to barness natural forces. James Watt, the Scottish boy, is shown on page 492 experimenting with steam in the family teapor in this harma-interest painting by Marcus Stane, R. A. (1840-1921). Watt helped make England a great manufacturing country.

The artist had a friend and patron in thates thickens and did the literaturens for Great Experienties and drawings for Little Harrit and A Tale of Two Citees. He was known as a pictorial teller of short stories, and his pictures are valued as romantic and idealistic.

An example of a picture painted especially

for this series is that of General Wolfe (page 494), whose military success at Quebec was respectible for the fact that must of North America speaks English instead of French Andrew Wyeth, son of the famous idlustrator N. C. Wyeth and a successful pointer in his own right, conceived this striking portrait of Wolfe on the Heights of Abraham above Quebec. This spot proved to be the key to the otherwise impregrable city. Its capture was the turning point in the natife, and, plahough both Wolfe and his opponent Montcaha were mortally wound of there, Wolfe's victory was decisive and had fur-reaching consequences.

The striking picture of Capt. James Cock was located in Australia, of which be was the real discoverer. In 1902 the trustees of the National Gallery in Melbourne commissioned the Australian born Emanuel Phillips For (1865-1915) to execute this work, reproduced acre through their courtesy as page 498.

The artist attended the National Gillery Schools in Australia before going to Paris to study at the Academie Julian and the Benex-Ar a under Gérôme. He was a pertraitist, landscapast, and painter of scenes from every-day life. He was elected a member of the New Salon, Paris, in 1910, and is represented in all the Australian galleries.

### Famous Medical Men Included

The world owes a debt of gratitude to a long list of Finglish medical men. Pretings of several of the eminent appear in this series, John and William Hunter were anatomists whose dissections of the human body left it with few secrets. Formal portraits of both brothers were available, but I chose the picture of William lecturing, by John, or Johann. Zoflany, R. A. (1733-1810), because of its flustrative quality, page 500).

Edward Jenner studied under John Hunter at St. George's Hospital, London. I visited this bospital for a vaccination and discovered on the wall of the laboratory, in a frame under glass, the well-preserved hide of the com-Jenner used to provide the vaccine for his first patient (page 542). The small boy, James Phipps, is shown with him in our painting of this event (page 503).

The artist, lumest Board, was an English mural painter. He is represented also by the picture of the Cobots in Bristol (page 461).

Chosen as a pictorial tribute to the English twels is the publing (page 507) communicating Lord Byron's visit to the U.S. S. Constitution in the harbor at Lephorn, Italy, by William Edward West, N. A. (1788-1857) Mr. Francis Breese Davis, Jr., former chairman of the board of U.S. Rubber Company



Removing the New York



und a widely known industrialist, owns the painting. It hangs in his residence on a South Caroban plantation near Charleston,

In describing the painting, Mr. Davis said

Lord Byron visited the U.S.S. Constitution at Leghorn, Italy, May 21, 1822. At that time his thoughts were directed towards America Some warm admirers of Childe Horold invited him to whit the frigate. When he went on board, he received a salute, and few compliments ever gratified him so much.

born, several of whom might have been on the visit to the Constitution, were: Trelawny, Shelley. Williams, Leigh Hunt, and the

Countess Guircioli.

the artist, William Edward West, was eften referred to as 'Kentucky West' to distinguish him from Benjamin West. He was born in Kentucky. He studied with Thomas Suly in Philadelphia and later visited Italy to continue his studies. He excelled especially in portraiture and painted many notable persons: Lord Byron, Washington Irving, the Counters Gaircioli, Perry B. Shekey, and others

"This picture is not wholly atturate so far as details of the ship and personages go. probably because West was not a marine painter and wanted, primarily, to depict the historical occasion."

### Grace and Dignity of a Young Queen

Many pictures if Queen Victoria were considered, but none suited the purpose so well as her David Wilkie's painting of the yrung Queen presiding at her first council of state. This hards in Windser Castle and is the property of the English kings. It shows the Queen when at 15 years of age she held her first Council at Kensington Palace in 1837. Her grace and dignity on this occasion endeated her to all present.

In this picture the Queen is represented as sented at the head of the Prixy Council table. She holds in her hand the most gracious declaration addressed by Her Majesty to the Lords and others of the Council then assembled. Among those shown at the far eight of the picture are the Archbishop of Council.

bury and the Buke of Wellington,

Sir David Wilke R. A. (1785-1841), had many commissions for portraits of distinguished persons, although the ladies he painter were not always flattered by his presentation of them. The official credit line for these partner reads, 'Reproduced by gracious permission of the Majesty the King' (page 509).

Through Sir Walter Lamb I met Mr. A. R. Thomas n. R. A., whom I engaged to paint the

picture of Michael Faraday (page 511). This artist is a most unusual man, in that he has become a noted painter in spile of the serious physical handicap of being unat e to speak or hear. My mission with him was accompaished through Mrs. Thomson, who acts as her husband's interpreter. He and she talked together by finger signs, and then she talk me what was said. He is a handsome man of fine physique whose appearance would command attention anywhere.

### Dickent and His Characters

In London's Dickens House, where relies of this great English literary figure are preserved, I found the painting by Robert William Buss (1804-75), which shows the author in his study surrounded by sketches of the haracters he created (page 507). A tew weeks before the death of the artist be began this portrait of 14 ckens, scated in his timery at Gad's Hill Place. Only the figure was entirely finished.

Many characters of Dickens's stories were only outlined on the walls. They give a freandike effect and suggest that the author is intent upon the plot for still another novel Reproduction was arranged through the courtest of the trustees of Dickens House, 48

Doughty Street, London.

John Collier's portrait of Charles Darwin haugs in the headquarters of the Linnean Society, which paid for it by subscriptions raised among its Fellows. A replica is in the National Portrait Gallery.

The Lianean Society, of London, through whose courtesy we reproduce this work as page 320, contributes an account of a letter which in May, 1881, Darwin wrote to use of its secretaries.

It times me a good deal to sit to anyone, but I shid be the most implateful and angle rough to at to agree conductly, supposing that racough to subscribed about which I have a ways tell very hosbid. If I am to set, it would be a pare point out to a good at that, and from all that I have beard I believe Mr. Callet is a good me I should arest paramalarly degree to at to Huxley's someth law, if, at you say he would like to patot me but the earnestic beg out tains of you, will not perput as a lock or required at the subscriptions. I a ways understood that my agreetment to at way contained to the subscriptions.

John Collier (1850-1934) was the author of several books on the technique of painting and was the son-in law of Thomas Henry Huxley, noted English bicling st and one of Darwin's colleagues in scientific work,

Just completed for the Rhodes Trust is the pleasant, informal postrait study of the great South African pioneer, Cecil Rhodes (page

527), by James Gunn, a well-known member in England of the Royal Society of Portrait Painters—It shows Rhodes against a background of the African weld, with a suggestion of Table Mountain in the distance. Artist Gunn's portrait of the late American Ambussador Winant was in last year's Royal Amdeny exhibits h.

are the Proposition of the great English physicist, Lord Rayleigh, shows lies at work in his Liberatory. A copy is in the possession of Trinity College, Cambridge University, where it honors both the scientist and the Faglish artist (1861-1936) who painted it. Our reproduction was made from the original which barnes in the Rayleigh (anily house, Terling Place, in Essex (page 524)

Portraits of four English scientists are presented on page 527—Sie Humphry Davy and Sir William Ramsay, chemists: Sie Joseph John Thomson and Lard Ratherford, physicists

Sir I bomas Lowrence, P. R. A. (1260 1810), who painted Davy, was one of England's most famous portraitists: examples of his work hang in the picture galleries of the world. Lawrence was trained in the schools of the Royal Academy and became its president. Singly was he regarded that he was buried a St. Paul's Cathedrai. The picture is owned by the Paul's Cathedrai. The picture is owned in the Paul's Cathedrai.

The paperant of Sir William Ramsay was point of More Ramsay was point of More Ramsay was point of More Ramsay was some for the North American San The South African War and was killed in action at the Dardanelles on 1915.

From early childhood Mark Malbanke had been passionately food of drawing and of postrait painting and but studed art for some years at Paris, where at the 5 doc forthill or be more than once gained dotted and excellent likenesses, were frequently shown at the exhibitions of the Royal Academy and the firstsh Pottrait fainters.

The portrait of Sir Joseph John Thomson was painted by Arthur Huker (1858-1919), mother Royal Academician who paratased trans British personages. It was located in the Cavendah Laboratory at Cambridge.

the pertrait of Lord Ratherford which also haves in the Carentiah Laboratory. It is un-

loan from the Royal Society, the officials of which made it available for reproduction here

The artist was a student at Cambridge, but studied art in Dresden, Florence, and Faus. He is a New Zealander by birth, but has lived for many years in England, where he served in World War I as an intelligence officer. He is represented by pictures in the National Portrait Gallery, in Windoor Castle, and in the National Messure of Wales.

During the lifetime of Sir Thomas Lipton yacht races were a feature of british-American competition, and the public on both sides of the Atlantic took a keen interest in this rivalry. The waters are und the Isle of Wight were the British center of such activities, shown by Charles Pears's painting, "When the Big Boats Come Out of Cowes Roads" (page 529).

### Picture of World War II

Charles Pears, R. O. L. is president of the Society of Marine Artists and was an oficial British rapid artist in both World War I and World War II. His work is well known in England, where it has been widely exhibited

English marine painter, prepared the picture of the "Battle of Jutland," World War I (page 535), especially for the National Grocarnic Magazine. It is diagrammatically correct and shows the unique naval maneuver carried out by the German ships that permitted them to turn about and escape. The artist Las taken some license in showing the stips in closer formation than they actually were.

Mr. Dawson's other plature in this series "Sinking of the Birmarck." Work, War II, was those for the Northern Pemp Company of M meapolis (copyright 1945), from whose collection it was lent for this reproduction (page 537). Some artistic license has been taken by the artist in this picture because the ninerall carrier Ack Raval, shown in the left distance, was 40 miles distant, and the Catalina aircraft had flown away when the explosion took place.

in London's Imperial War Museum we inner I I thel Gabain's painting of Sir Mexander Flending, discoverer of penicillin, at work in his labora ary (page 535). Mrs. Garner James, who went to call on the artist, found that she is Mrs. John Copley, a pleasant little lady employed by the Munistry of Information as a war artist at the beginning of World Way II. She painted documentary of three throughout the hombings of that period—the evacuation of the children from Gravesend, the viri burberjacks in the north, ammuni-



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### The Society's New Map of the British Isles

CIETY'S new Map of the British Isles, distributed to its 1,800,000 members families as a supplement to this issue of the reaction of Geographic Magazent, vividly britis to mind the key role of British in the cpk struggle of World War 11.

Hundreds of place names on the new map real, episodes, great and small, of the days which found the "soug little isle" turned into a single have of operations against aggression.

Loudon. Burningham, Manchester, and Liverpool: Hull, Plymouth, and Brist I have udded to their rich history the story of the Battle of Britain, in the late sumper and fall of 1940. These cities undinchingly endated one Nazu are raid after another, until many swarms of Spithres and Harricanes screamed into the skies to heat off the Messer-schmitts. Heimsels, and Junkers. The heavens those the whole stretch, from Hull and the Humber to Bristol and the Seveta, were a scene of battle.

### Coventry a Nazi Victim

Peaceful Coventry, previously distinguished chiefly for the adventure of Lady Godfra (page 451), suddenly became an object of Nazi terrorism on the night of November 14, 1940, when some 400 German bumbers reduced it to rubble.

Which separated place names on the new map recall scenes of beroic service by 2 000, 000 witniteers who worked for 2 000 days and blacked-out nights fighting fires, rescuing wounded, and det nating unexploded bombs.

Thousands of Americans, looking at the new map, will recognize familiar names and recal pleasant associations. Two million Yorks trained at 77 separate bases in Britain between 1942 and 1945. Gl Joes entertained in british homes, formed lasting friendships Some frought British wives back to the United States.

In compains the new map, your Society's entrographers paid particular attention to all places which would strike a responsive chord with former members of the American Expeditionary Forces. Lists supplied by the United States Army and United States Air Force were a usuated

Nome veterans, however, may have to think two defore they identify their former stopping places in Britain. Many a member of Eighth Air Force bendquarters, for example became so accustomed to referring to his base at Teddington by the code name of "Widewing" that the actual place name may sound strange. It gith Bomber Command personnel

invariably referred to Edgh Wycondie, their beadquarters, as "Pinetree," To Eighth bighter Command members, "Ajax" was better known than Watford.

Every port in Britain worthy of that name is inked closely with June 6, 1944 (1) Day). On the new map the English Channel is represented by a strip of placid blue. But on D-Day 4,000 landing craft and 8,10 warships emerged from British ports and churned the Channel waters to carry lititons and Americans over to the soil of France

Above the Channel that day 11,000 United Nations nigeralt mared. Glider trains, some 50 miles long, bore paratruopers to their objectives over Normandy and Brittan.

### Invasion Coast Names Familiar

The French lovesion coast is mapped in detail, revealing names of twose splashed in headlines on the first pages of the world's newspapers in 1944. Thousands of Americans and British bave vivid memories of Caen. Carentan, Bayeux, Cherbourg, Montelouig, Saint Lo. Arromanches, and Coatan.es.

Today formers of Normandy and Brittany again till their hedgerow-framed helds and children play around rust eaten hyasion materiel on Omnha and Utah beachbonds

Dunkitk recalls those earlier days in May Jane, 1940, when some 900 heats of every description, parting out from British ports, converged under an RAF 's inbrella' to evacuate some 315,000 British troops stranded on the beaches.

The new map portrays the British lales on the generous scale of 28.2 miles to one inch. It is primarily a travelers' map, but the student of I terature of history will find it a clear and beautiful reference work on Great Britain and Ireland.

Ireland (not Eire) is shown as an independent republic, following its recent with frawal from the British Commonweath. The Grebic Eire no longer is used as the official name of the country.

Distinctive symbols, listed and explained in the map legend, point out places of particular interest. Large crosses designate cathedrals; smaller crosses, notable churches in towns Open squares identify, among other historic

\* Members may of turn additional captes of he pro-Map of the British lakes land of all standard manpurdished by The Society by writing to the National Generalist Society Washington 6. D. C., Prices to United States and Processions, 50¢ each on paper: SI on lesson; insiex, 25¢. Crutsicke United States and Possessions, 75¢ on paper, \$1.25 on liver; Index, 50¢ A resistance paints in 1 may 1 may 2 mg. holdings, those structures in open country which are preserved under the National Trust.

I ranges of dots mark ruins or archeological. I dos, while crosses, swords with dates show historic hattlefields

The map is claborately decorated in the connect of British 16th- and 17th-century car lographers. The design is by National General example of Staff cartographer C. E. Reidnord.

In the bar corners of the border, barreportariouthes bear the coars of arms of England. So thatd. Ireland, and Wales. Each is associated with its national flower: the rose for Ungland, the thistic for Scotland, the leek for Wales, and the shames k for Ireland

Smaller cartouches, set in the border frame the Coals of arms of five major vine. I'm don, Edluburgh, Duldin, Relfast, and C' v.

### Portraits Embellish Rorder

Forty-fact transings, alternately depicting scenes from the islands and portraits, make left the test of the wide border.

Postralts Include those of English men and wimen enviaced in the fields of literature, history, and science: Chauter, author of the Canterbury Toles; Shakespeare, the immortal bard of Avon. Elizabeth, the Virgin Queen: Victoria, great-great-great-great-grantmother of Charles Philip Arthur George, Brutam's new haby prince: Newton, the celebrated mathematician and philosopher; and Darwin, the distinguished naturalist.

beenes range from Canterbury Catherral and Westerinster Abbey to sufpluilding on the Clyde and golfing at St. Andrews.

The large cast on he framing the title and legensi for the map bears the royal cost of arms and portraits of George VI and his queen, Edzabeth. The map scale also has a decorative frame

the old-style designs embellish a map upto-the-minute in geographical information,

The new share line of The Wash between Waintleet All Saints and King's Lyon includes 3,000 acres of tich Lincolnshire land which have been reclaimed from the sea. Two hage sea walls, each six miles long, brought about this addition to English soil.

As a help to travelers, the highways are nown in here to be a read. In the for motoring. Major radways are shown in black; rivers, streams, and other drainage features in conventional libre.

Striking decoration and wealth of historical reference material make the map, 26% by 32% inches in size, particularly desirable for wall display in homes, schools, or offices

For countries Americans who never have been in Great Britain or Iceland, hundreds

of place names will be familiar. Some of these names simply have been transplanted to America: Boston, Plymouth, Darth outh, Princeton (Princetown), Portland, Swarthmore (Swarthmore), or Chesterfield. Others are familiar resong: Pensance, from Gill ert und Sallivan's Pensance; Topperary, from the famous song of World War I: Lach Lomond from the old Scottish balled.

### Nursery Rhyme Place Names

To New Yorkers, Gotham may suggest Munhattan. Lut to most Americans it will be associated with a numbery chyme, as in the case of floathery Cross and Saint June.

Flace names familiar in portry are legion.

In mention only a few.

Incheape, in Robert Southey's The Incheape.

A sound as it with the Inchrape Bell The Digits below with referred his brush

Bereshire mace, in Matthew Arnold's The Soundar Gypro-

At some lene although in the Berkelure many

The Thames, in Edmund Spenser's Pro-

Sweete Themmas' came softh, all I end my some

Aghador, in John Todhunter's Irish ballud of the same name:

There's a glade in Aghadae, Aghadae,

There are provide and allerst ghade in Achadea.

Then there are William Wordsmuth's fiverong on Calais Beach; Robert Burns's Fe howeve banks of bonnie Doon, and George Texts The County of Mayo.

William butler Years, one of Ireland's most famous prets who shed in France in 1949 at the age of 73, had written his hurist instructions not long before, in a poem which began:

Under Late Bar Bulleur (ben) In Thumshiff churchy and Yeats is I'm)

The war prevented friends from carrying out his wishes until a few months ago, when his harty was brought lack to County Sligo and laid to rest in Drumchif churchyard.

To Americans other place names have a homorous teach: Saltbarn by the Sea, Much Wenlock, Spittal of Glenshee, Ballybunken Mumbles, Benny, and Giggleswick

The many Welsh double I's seem curious and teach an all-time high with Llanfairpwll, which is short for Llanfairpwllawyngyllgoge , beyrpalminglike ( ) and a minimum of the color of the co

The name is said to mean "Church of \$) Mary in a holow of white buzel, near to a rapid whirlpool and to St. Tysilio's Church, near to a red raye".

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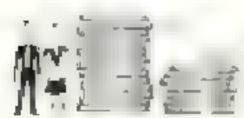
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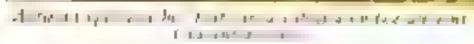


### Lours this year... an away-from-home vacation in Canada

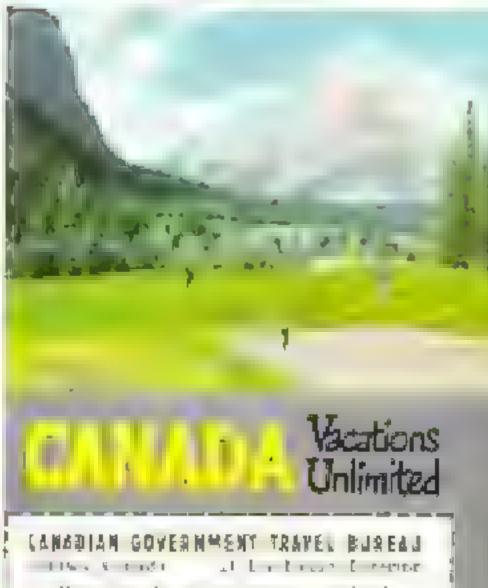
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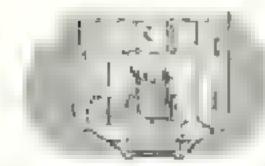
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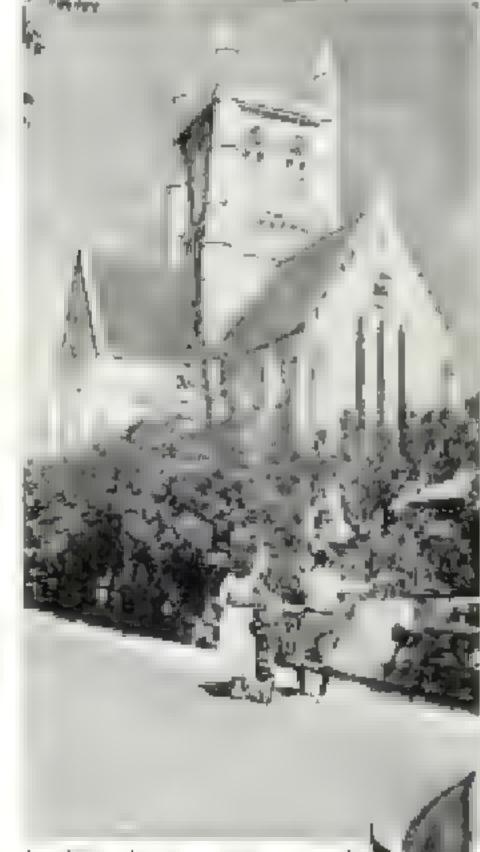
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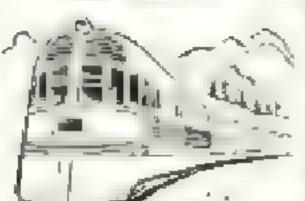
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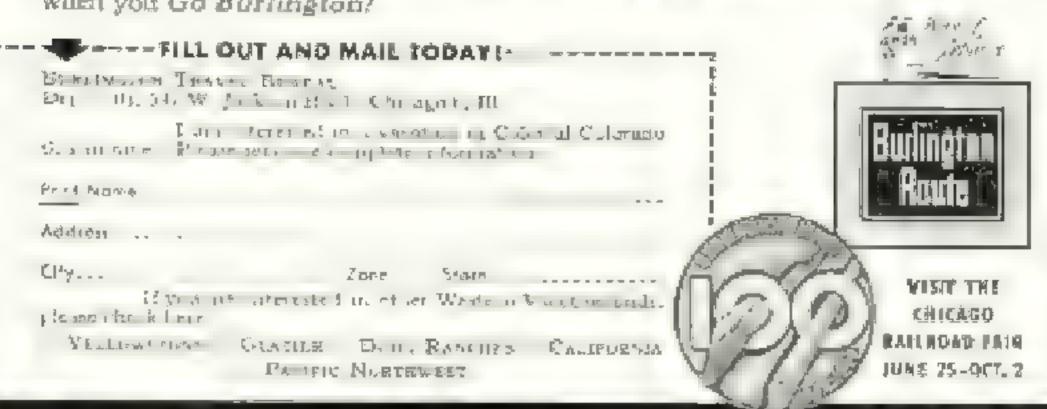
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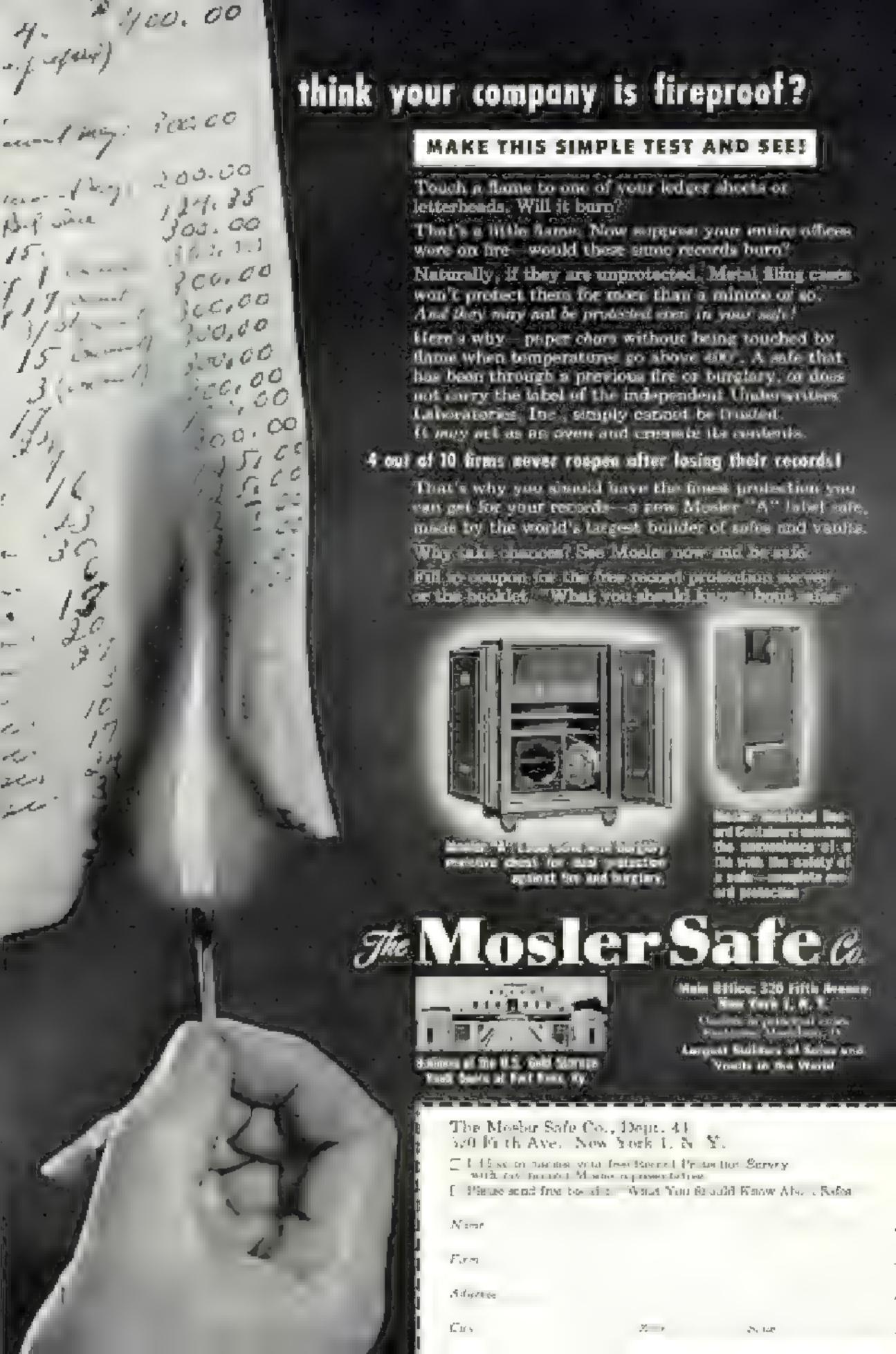
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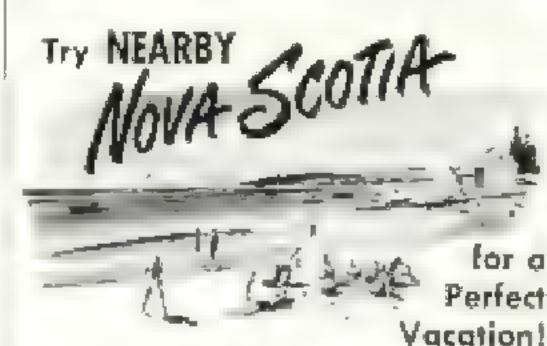
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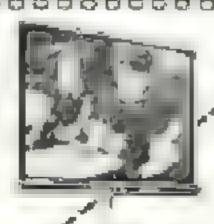
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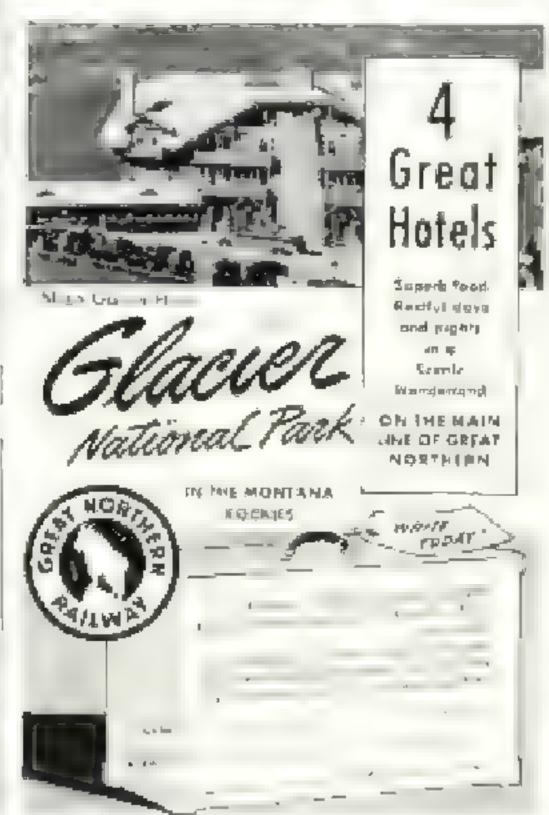


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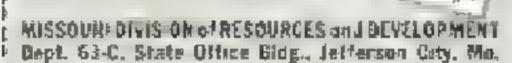


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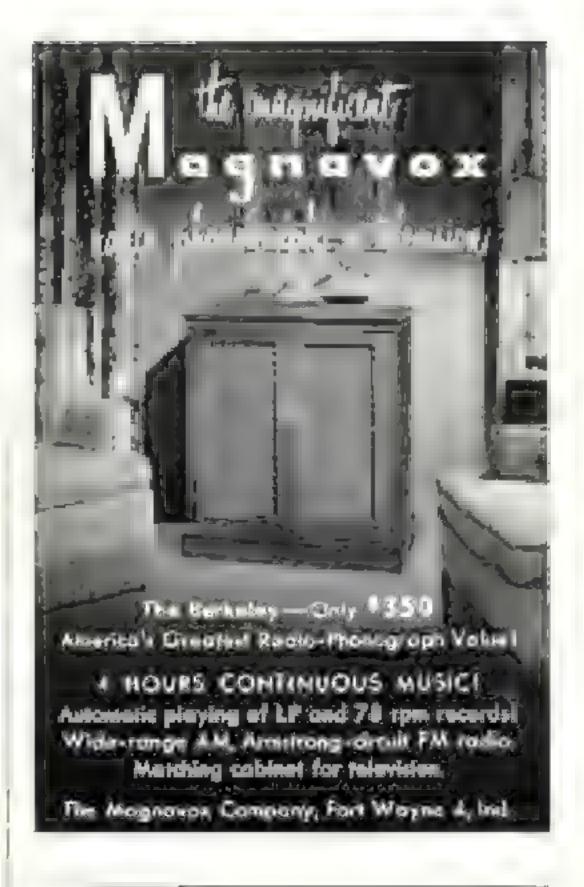
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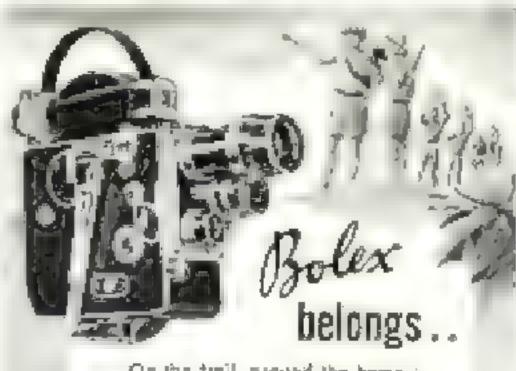
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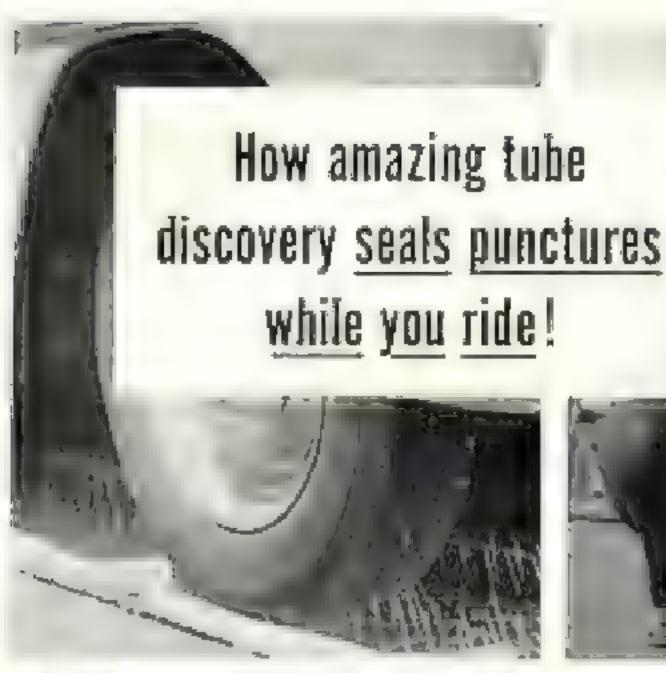


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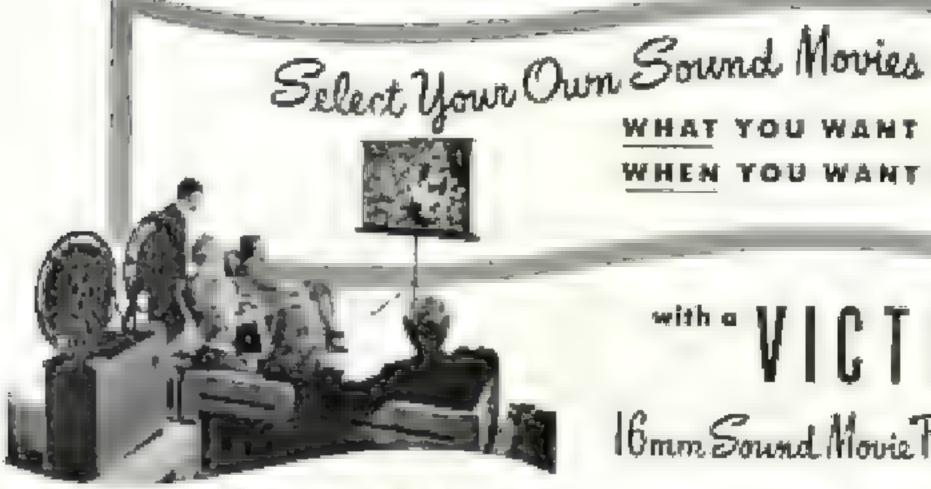
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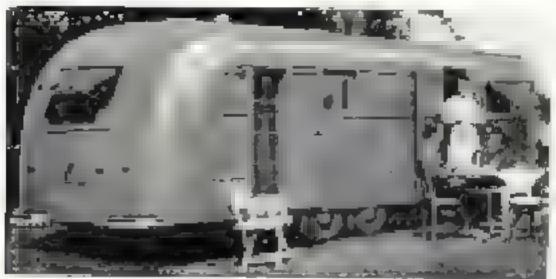
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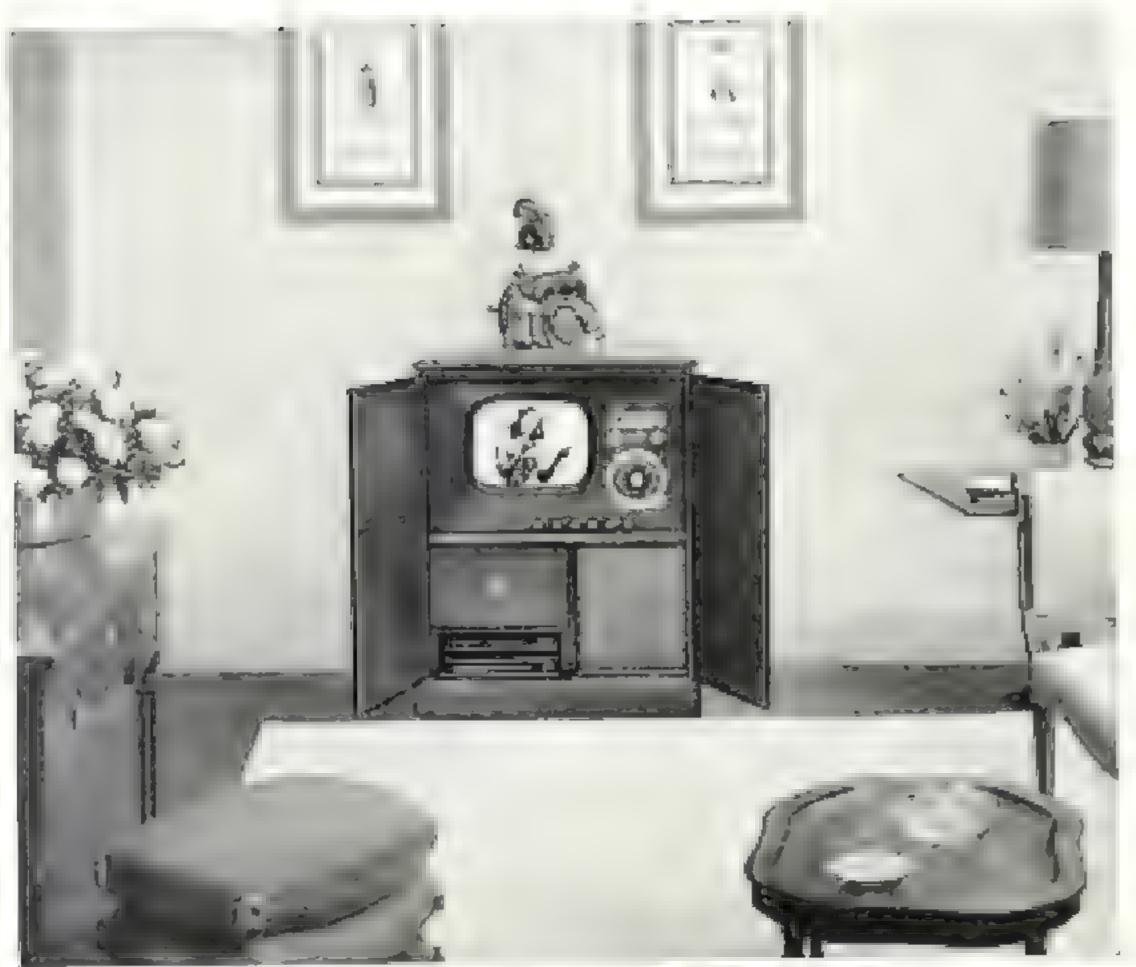


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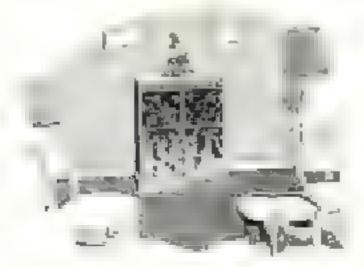
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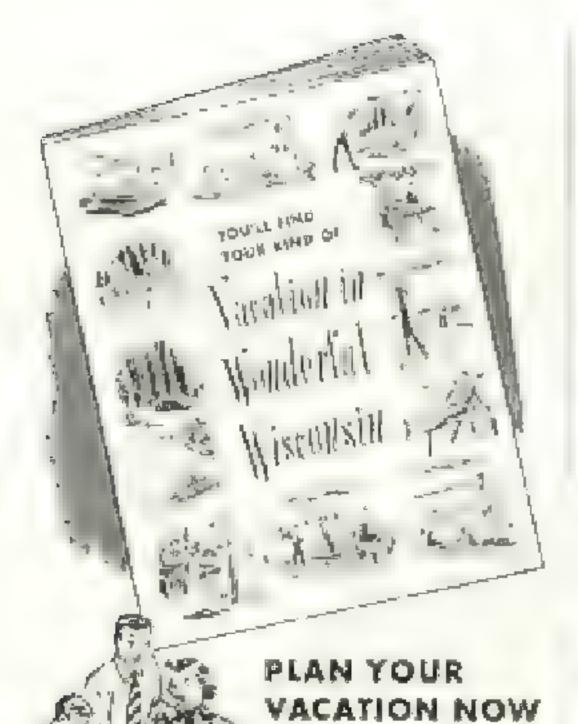
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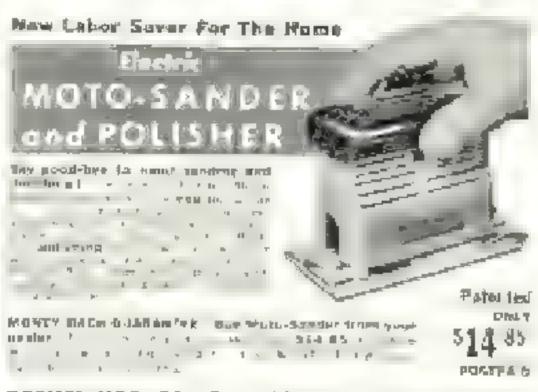
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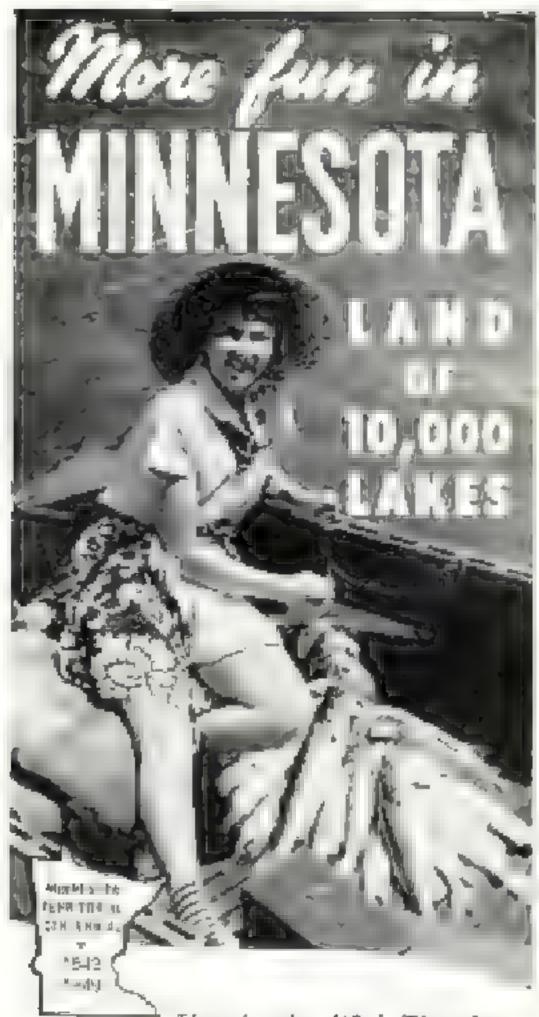
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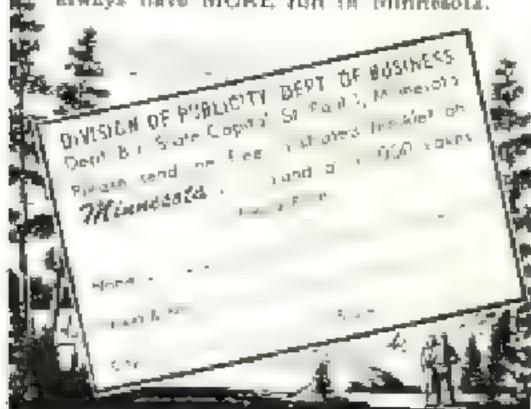
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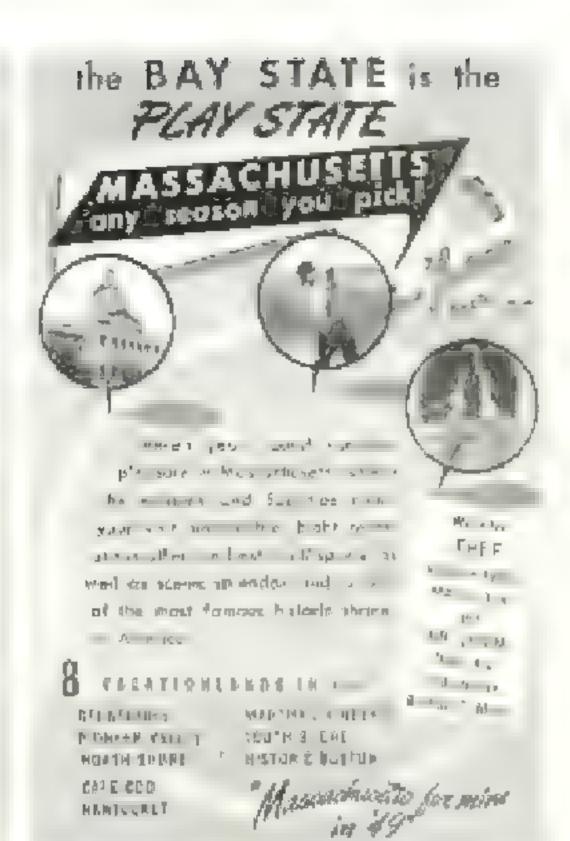
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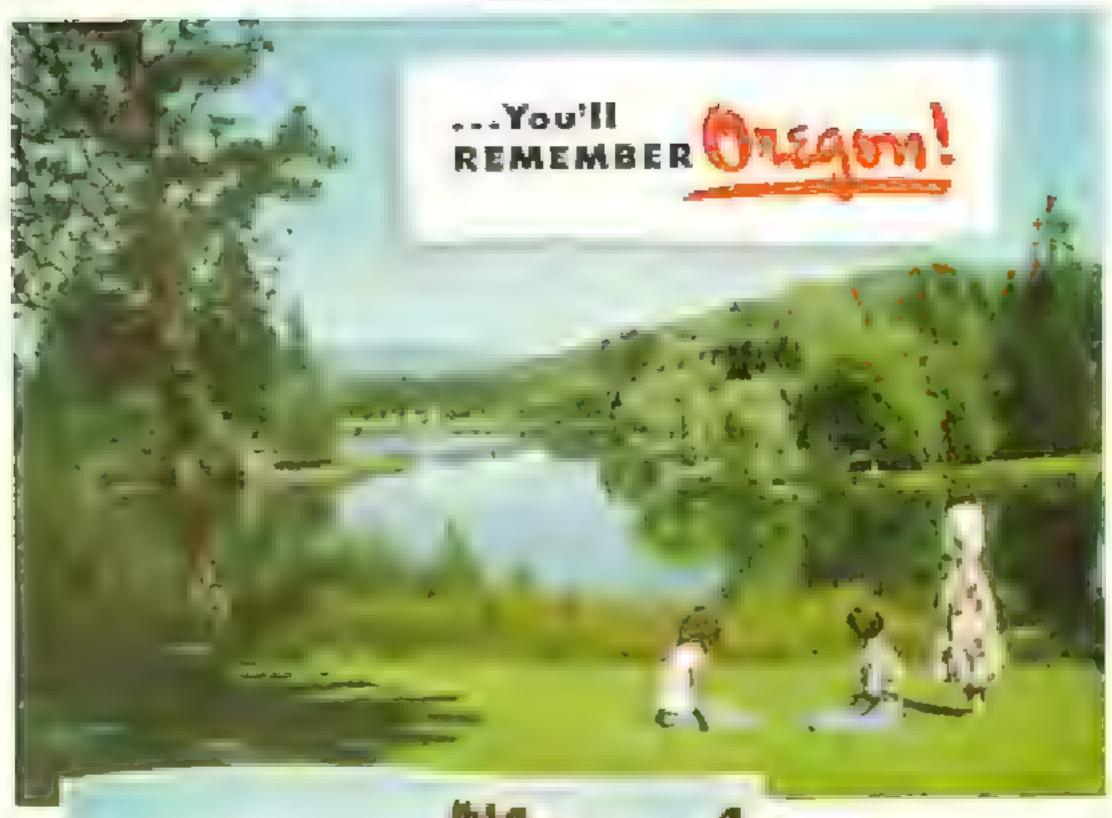
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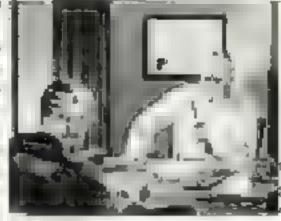
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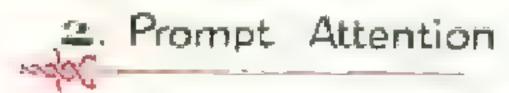


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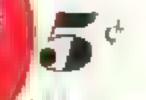
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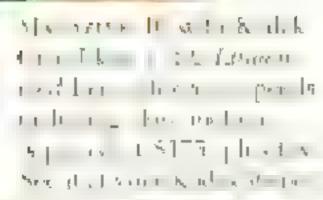


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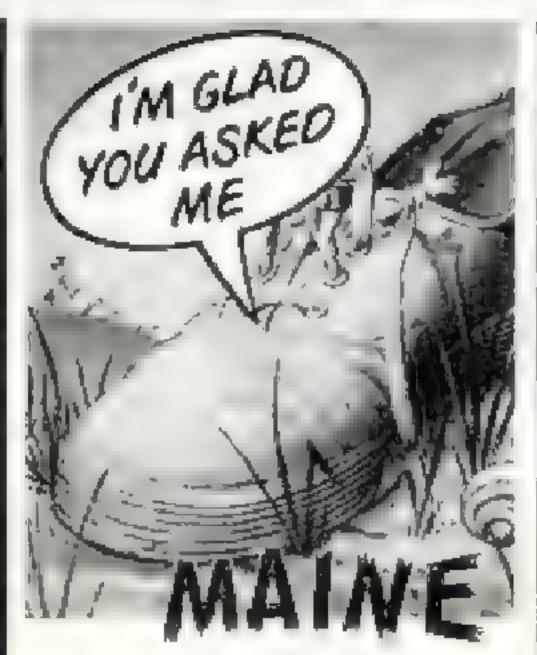
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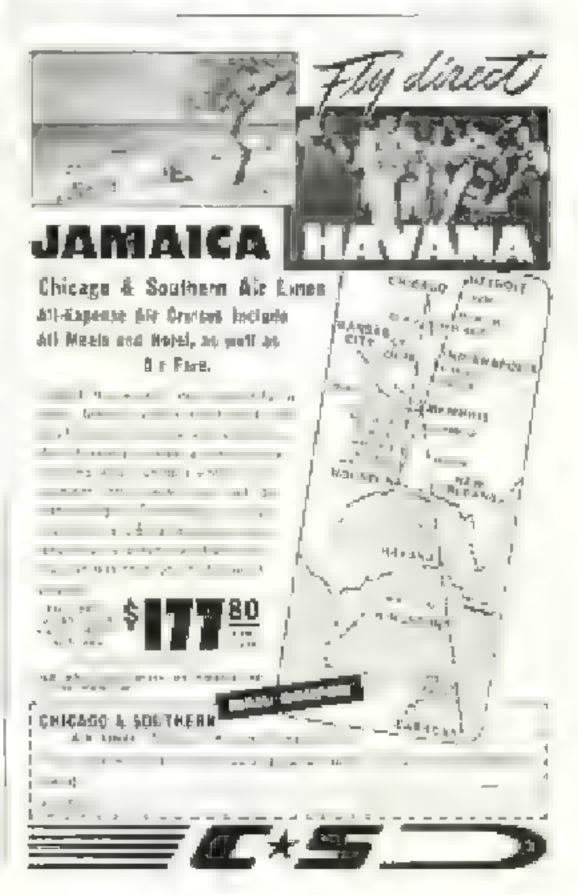
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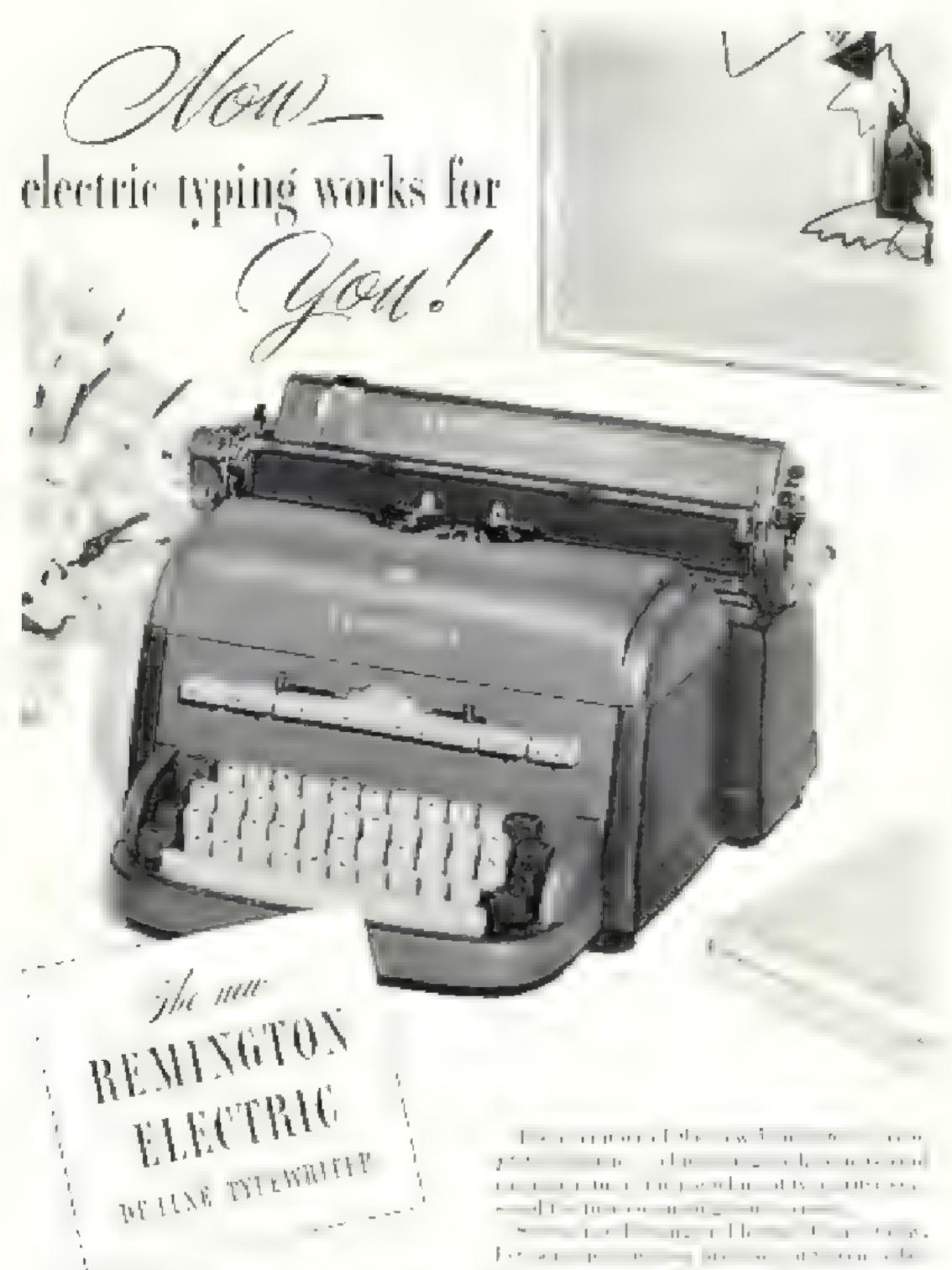




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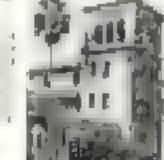
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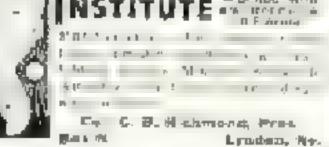


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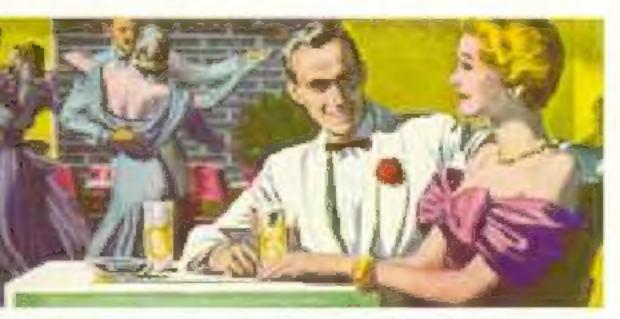
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